The EIFL Big Six: No. 3. Metrics

1. ORCID number
2. Research profile
3. Metrics
4. Open Access
5. Data Management
6. Impact statement
3. Metrics: Bibliometrics (citations, h-index etc.); Altmetrics (media, social media, web impact...]; Open Research metrics.

a) Skills in the use of Web of Science, Scopus, Dimensions and/or Google Scholar are necessary to find and update standard bibliometric statistics about a researcher, research group or institution. Not suitable for all subject areas or for many types of research outputs (e.g., Arts, Humanities / books, chapters).

b) An understanding of Altmetrics and the tools supporting ‘next generation metrics’ should help produce information to balance the bibliometric data with data on a broader type of impact (news items, references in policy papers, social media, Wikipedia entries, etc.).

c) Open Research metrics: very useful for tracking interdisciplinary impact & non-academic usage. (Hits, downloads, country, source).

[See resources folder for step-by-step introduction to metrics]
# The Research Information Landscape

## Research Profiles owned and edited by you
- University CRIS /IR profile
- ORCID profile
- Google Scholar profile
- ResearcherID profile
- Scopus profile
- Researchgate/ Academia.edu (etc.)

## Citation & metrics sources
- Scopus / SciVal
- Web of Science/InCites
- Dimensions
- Google Scholar
- Publish or Perish
- Microsoft Academic Search
- 1Findr
- Altmetrics.com
- PlumX
- Impact Story
- Kudos (etc.)

## Identifiers
- ORCID number
- Researcher ID
- Scopus ID
- DOIs
- Others...

## Repositories/Platforms: Archiving, Management & Dissemination Resources
- Institutional Repository
- Subject Repositories
- PubMed Central
- Data repositories (commercial & open source)
- Publishing platforms
- Publishing tools
- Data Management: resources
- Impact case studies: resources
Tools & Resources

by:

• Accessibility
• Coverage
• Functionality
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</table>
Free version:
• 90+ million publication records,
• approximately 9 million records with Altmetric data,
• just over 128 million documents (with over 50 million available by full text searching), and
• approximately 4 billion connections between items.

Subscription
• almost 35 million patents,
• Information on $1 trillion USD of funded research projects from 250 global funders
• 380,000+ clinical trials
• Institutional / country analytics

http://www.istl.org/18-winter/electronic2.html
Usual and Dual-Task Walking Speed: Implications for Pedestrians Crossing the Road.

*Journal of Aging and Health,* 28(5), 850-62, 2016
https://doi.org/10.1177/0898264315614004

**Authors**
Orna A Donoghue - Trinity College Dublin
Cara Dooley - Trinity College Dublin
Rose Anne Kenny - Trinity College Dublin

**Abstract**

OBJECTIVE: In many countries, pedestrian light crossings require a minimum walking speed of 1.2 m/s. This study examined the proportion of adults in a nationally representative sample whose usual and dual-task walking speeds are <1.2 m/s.

METHOD: Community-dwelling adults aged ≥50 years in The Irish Longitudinal Study on Ageing (TILDA) completed walking speed tests on a GAITRite® walkway (N = 4,909).

**Publication references - 27**

Effects of fear of falling and activity restriction on normal and dual task walking in community dwelling older adults
Orna A. Donoghue, Hilary Cronin, George M. Savva, Claire O'Regan, Rose Anne Kenny

**MeSH terms**
Aged; Aged, 80 and over; Environment Design; Female; Humans; Ireland; Longitudinal Studies; Male; Middle Aged; Pedestrians; Safety; Time
Rose Anne Kenny
Trinity College Dublin - Dublin, Ireland

Overview

Publications
447

Citations
11,853

The information on this profile has been aggregated algorithmically from several different sources (including publication and public ORCID data). In the event that something is wrong, or if you have questions, please contact us.

Publications
303

Sort by: Relevance

Title, Author(s), Bibliographic reference - About the metrics

Usual and Dual-Task Walking Speed: Implications for Pedestrians Crossing the Road.
Orna A Donoghue, Cara Dooley, Rose Anne Kenny
2016, Journal of Aging and Health - Article

Neurocardiovascular Instability and Cognition.
Susan O'Callaghan, Rose Anne Kenny

RCR Mean 2.05  FCR Mean 3.09
Overview
related to your search

Publications metrics

- Publications: 303
- Citations: 8,479
- RCR Mean: 2.05
- FCR Mean: 3.09

Chart | Table
- Cited / Not cited (%): 82.2 / 17.8
- Citations per publication: 27.98

The lines plot the number of publications in each year.
Overview
related to your search

Publications metrics

- Publications: 303
- Citations: 8,479
- RCR Mean: 2.05
- FCR Mean: 3.09
- Cited / Not cited (%): 82.2 / 17.8
- Citations per publication: 27.98

Publication citations is the number of times the publications on your result list have been cited. The values per year are the sum of citations per year.
Figure 6. Evolution of the number of records (Dimensions, Scopus, Web of science core collection)

Note: data from Google Scholar are gathered through a null query filtered by year, and removing “citations” and “patents”.

MAKE SENSE OF YOUR INSTITUTIONAL DATA

Capture data accurately
Solve your data capture woes by working with unambiguous institutional information from the start. Our persistent IDs will ensure your data is always perfectly consistent.

Ensure robust reporting
Align your data with GRID and open the door to a range of data integration and reporting possibilities. Link to other datasets like ISNI and Fundref seamlessly.

Disambiguate your data
No more struggling to find duplicates in your data, or trawling through the history of Paris University to check if XI is Sud or Est. We meticulously clean the data for you.
Aoife McLysaght
Professor, Genetics, Trinity College Dublin
Verified email at tcd.ie
Molecular Evolution  Comparative Genomics

**TITLE** | **CITED BY** | **YEAR**
---|---|---
Initial sequencing and analysis of the human genome | 22941 | 2001
International Human Genome Sequencing Consortium
Nature 409 (6822), 860

Extensive genomic duplication during early chordate evolution | 549 | 2002
A McLysaght, K Hokamp, KH Wolfe
Nature genetics 31 (2), 200

Porter: a new, accurate server for protein secondary structure prediction | 481 | 2004
G Pollastri, A McLysaght
Bioinformatics 21 (8), 1719-1720

Recent de novo origin of human protein-coding genes | 212 | 2009
DG Knowles, A McLysaght
Genome research

Ohnologs in the human genome are dosage balanced and frequently associated with disease | 169 | 2010
T Makino, A McLysaght
Proceedings of the National Academy of Sciences 107 (20), 9270
Publish or Perish

Anne-Wil Harzing - Sat 6 Feb 2016 16:10 (updated Sun 4 Nov 2018 18:37)

Are you applying for tenure, promotion or a new job? Do you need to prepare for your performance appraisal? Publish or Perish is designed to help individual academics to present their case for research impact to its best advantage, even if you have very few citations. You can also use it to decide which journals to submit to, to prepare for a job interview, to do a literature review, to do bibliometric research, to write laudatios or obituarios, or to do some homework before meeting your academic hero. Publish or Perish is a real Swiss army knife.

Version: 6.40.6326 (31 October 2018) [Changes in this version]

- Download for Windows
- Download for OS X
- Download for GNU/Linux

Details about new PoP versions

[28 Oct 2016] Read about Publish or Perish 5, released 10 years after the original Publish or Perish!

[20 Oct 2017] Read about Publish or Perish 6, with four new data sources and Full Paper Reports.
Diagnosis and management of dementia with Lewy bodies
Third report of the DLB consortium

2005 NEUROLOGY

Ig McKeith 1, 2, Dw Dickson 4, J Lowe 4, M Emre 3, Jt O'Brien 4
see all 45 authors

1 Newcastle University,
2 Newcastle upon Tyne Hospitals NHS Foundation Trust,
3 Mayo Clinic,
4 University of Nottingham,

The dementia with Lewy bodies (DLB) Consortium has revised criteria for the clinical and pathologic diagnosis of DLB incorporating new information about the core clinical features and suggesting improved methods to assess them. REM sleep behavior disorder, severe neuroleptic sensitivity, and reduced...

Guidelines on management (diagnosis and treatment) of syncope

2001 EUROPEAN HEART JOURNAL

Michele Brignole 1, P. Alboni 2, D. Benditt 3, L. Bergfeldt 4, J. J. Blanc 3
see all 18 authors

1 Department of Cardiology and Arrhythmologic Centre, Ospedali Riuniti, Lavagna, Italy,
2 Divisione di Cardiologia, Ospedale Civile, Cento, Italy,
3 University of Minnesota,
4 Electrophysiology & Arrhythmia Service, Department of Cardiology, Thoracic Clinics, Karolinska Hospital, Stockholm, Sweden,
5 Département de Cardiologie, Hôpital de la Cavale Blanche, CHU de Brest, France

The guidelines provide recommendations for the diagnosis and management of syncope, including the use of tilt table tests, carotid sinus massage, and ATP tests.
Diagnosis and management of dementia with Lewy bodies Third report of the DLB consortium
2005 NEUROLOGY
McKee et al.

Guidelines on management (diagnosis and treatment) of syncope
2001 EUROPEAN HEART JOURNAL
Brient et al.
Trinity College, Dublin

Trinity College (Irish: Coláiste na Trionóide), officially the College of the Holy and Undivided Trinity of Queen Elizabeth near Dublin, is the sole constituent college of the University of Dublin, a research university located in Dublin, Ireland. The college was founded in 1592 by Queen Elizabeth I as the "mother" of a new university, modelled after the collegiate universities of Oxford and Cambridge, but unlike those other ancient universities, only one college was ever established; as such, the designations "Trinity College" and "University of Dublin" are usually synonymous for practical purposes. The college is legally incorporated by "the Provost, Fellows, Foundation Scholars and other members of the Board" as outlined by its founding charter. It is one of the seven ancient universities of Britain and Ireland, as well as Ireland's oldest surviving university. Trinity College is widely considered the most prestigious university in Ireland and amongst the most elite in Europe, principally due to its extensive history, reputation for social elitism and unique relationship with both the University of Oxford and the University of Cambridge. In accordance with the formula of ad eundem gradum, a form of recognition that exists among the three universities, a graduate of Oxford, Cambridge, or Dublin can be conferred with the equivalent degree at either of the other two universities without further examination. Trinity College, Dublin is a sister college to St. John's College, Cambridge and Oriel College, Oxford.

Website links: tcd.ie, en.wikipedia.org

FILTER BY:
- All Time
- 10 Years
- 5 Years
- 1 Year

Top Topics
- Genetics
- Gene
- Physics
- Biology
- Materials Science
- Chemistry
- Pathology
- Molecular biology
- Biochemistry
- Computer Science
Institution Analytics

Microsoft Academic extracts author affiliation information automatically from publications and their metadata. Authors' affiliations are listed as they appeared at the time of publication. Authors who have had multiple affiliations may therefore have multiple profiles. Authors can consolidate their publications under one profile by using the claim feature.

You can run your own complex academic analytics using our data. Please contact us through the Feedback form below to learn about getting access to the Microsoft Academic Graph.
Free, Open and Secure Innovation Cartography

**FREE**
No Charge

With us, everyone gets the best and most current data we have at no cost. We don't do 'Freemium', everybody can use Lens for free… [More](#)

**OPEN**
No Constraints

Our data is open and global and can be accessed, used and shared by anyone. We don’t discriminate by who you are or where you are… [More](#)

**SECURE**
No Snooping

Privacy matters…your Lens use is your business and yours alone. We don’t share or sell any knowledge of your use, we don’t keep track… [More](#)
Our Special Sauce


Open Access Linkouts.
Added full text and repository open access linkouts from Unpaywall.

Scholarly Metrics.
Stage 1 of the full scholarly citation graph, with more to come!

Full Text Snippets.
Stage 1 of CORE full text integration and indexing

Free, Open and Secure Innovation Cartography

FREE No Charge
With us, everyone gets the best

OPEN No Constraints
Our data is open and global and

SECURE No Snooping
Privacy matters...your Lens use

Dj Kionsky, Kebi Abdelmohsen, Akhisra Abe, Mj Abedin, Hagai Abeliovich, A Acevedo Arazena, Hiroaki Adachi, Cm Adams, Pd Adams, Khosrow Adeli, Pj Adhiketty, Sg Adler, Gailia Agam, Rajesh Agarwal, Mk Aghi, Maria Agnello, Patrizia Agostinis, Pd Aguilar, J Aguirre Ghiso, Em Airoldi Show aii...


Additional Info: [Open Access] [Patents] [Funding] [Affiliation] [Field of Study]
1 Patents Citations 1,320 Scholarly Citations Reference Count: 0

Journal Article [101] 010-988-094-760-612 26799652 2778779577 2752326209

Additional Info: [Open Access] [Patents] [Funding] [Affiliation] [Field of Study]
0 Patent Citations 1,161 Scholarly Citations Reference Count: 53

Journal Article [107] 009-334-663-861 10.1056/nejmoa1606774 2527905628 27718847

Pembrolizumab versus Chemotherapy for PD-L1–Positive Non–Small-Cell Lung Cancer


Hospitalisation and surgery: are there hidden cognitive consequences? Evidence from The Irish Longitudinal study on Ageing (TILDA).

by Helen O'Brien, Neil O'Leary, Siobhan Scarlett, ... & Rose Anne Kenny
Age and Ageing (2018) DOI: 10.1093/ageing/afy020

- Altmetric attention score: 38
- 52 social media mentions

Background: the dramatic shift in the global population demographic has led to increasing numbers of older people undergoing hospitalisation and surgical procedures. Objectives: to determine whether hospitalisation or hospitalisation with surgery under general anaesthesia is associated with poorer cognitive performance in adults over the age of 50. Methods: cognitive function in

Socioeconomic status, non-communicable disease risk factors, and walking speed in older adults: multi-cohort population based study.

by Silvia Stringhini, Cristian Carmeli, Markus Jokela, ... Rose Anne Kenny, ..., Mika Kivimäki
BMJ - British Medical Journal (2018) DOI: 10.1136/bmj.k1046

- Altmetric attention score: 357
- 435 social media mentions
- 8 news articles

OBJECTIVE: To assess the association of low socioeconomic status and risk factors for non-communicable diseases (diabetes, high alcohol intake, high blood pressure, obesity, physical inactivity, smoking) with loss of physical function at older ages.

DESIGN: Multi-cohort population based study.

SETTING: 37 cohort studies from 24 countries in Europe, the United States, Latin

The relationship between kidney function and quality of life among community-dwelling adults varies by age and filtration marker.

by Mark Canney, Ethne Sexton, Katy Tobin, Rose Anne Kenny et al.

- Altmetric attention score: 1
- 2 social media mentions
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Reviewers: 193
2nd in Ireland

Reviews: 2,510
2nd in Ireland

Merit: 7,748
2nd in Ireland

Openness: 0.7%
8th in Ireland

JOURNAL EDITORS AT TRINITY COLLEGE DUBLIN

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Reviewers from Trinity College Dublin

View reviewers from Trinity College Dublin.
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Elizabeth Newnham

Lecturer assistant professor in midwifery - Nursing and Midwifery, Trinity College Dublin - Present
Adjunct lecturer - Nursing and Midwifery, University of South Australia

Research Gate

BIO
Elizabeth Newnham has spent 16 years working in midwifery in both clinical practice and academia. Her research interests and publications to date centre on the effects of risk discourse and power on birthing practices, women’s beliefs about labour, epidural use, and identifying how midwives support women's varied needs as well as promote physiological birth and humanised birth.

RESEARCH FIELDS
- Community Birth
- Ethnography
- Labour Pain
- Midwifery
- Pain
- Qualitative Research

EDITORIAL BOARD MEMBERSHIPS
Elizabeth is not currently contributing as an editor for any journal or publisher.

PAST MEMBERSHIPS
- BMC Pregnancy and Childbirth

EDITOR RECORDS (MANUSCRIPTS HANDLED AS EDITOR)
- BMC Pregnancy and Childbirth

HAS REVIEWED FOR
- Women and Birth
- British Journal of Midwifery
- International Journal of Nursing Practice
- BMC Pregnancy and Childbirth
- Medicine, Culture, and Psychiatry
- Nurse Education in Practice

PRE PUBLICATION REVIEWS
2018: Reviewed for Women and Birth
2018: Reviewed for Culture, Medicine, and Psychiatry
2018: Reviewed for British Journal of Midwifery
Alternative metrics for public engagement:
tracking news media, social media, wikipedia references, policy paper references and more.

Image source: http://www.wellesley.edu/lts/research/projects/emergingtech/altmetrics
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<td>Kudos</td>
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</table>
Who’s talking about your research?

Thousands of conversations about scholarly content happen online every day. Altmetric tracks a range of sources to capture and collate this activity, helping you to monitor and report on the attention surrounding the work you care about.
A TCD researcher’s societal reach and influence

Chart of mentions of 111 matched articles from 20th January 2015 to 19th January 2017
Location of Twitter users

<table>
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<tr>
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60 ist nicht das Ende
ZD7 ONLINE, 11 Jan 2017
Gelassenheit, Glück und Liebe entwickeln sich zum Besenren, auch die sogenannte kristalline Intelligenz fährt aktiv an Studien...

Positive Attitude About Aging Leads to Better Health
NvasionStore, 12 Feb 2016
A recent study has found new evidence to support the idea that aging can be just a state of mind, finding that those who have a...

Chin up, folks! Attitude towards aging impacts how well you age
The Daily Mail Online, 02 Feb 2016
A recent study has found new evidence to support the idea that aging can be just a state of mind, finding that those who have a...

A positive attitude towards aging leads to better health finds new study
News Feed, 11 Feb 2016
A positive attitude towards aging leads to better health finds new study A recent study has found new evidence to support the...

Researchers confirm attitude to aging can have a direct effect on health
Medical News Today, 01 Feb 2016
Negative attitudes to ageing affect both physical and cognitive health in later years, new research reveals.

Your Attitude Toward Aging Directly Affects Your Health
Tech Times, 20 Jan 2016
Aging is inevitable. It will undoubtedly bring changes to your body but researchers have found that your attitude toward...

Attitude Toward Aging Can Have a Direct Health Effect
Laboratory Equipment, 29 Jan 2016
Negative attitudes to ageing affect both physical and cognitive health in later years, new research reveals.

Researchers confirm attitude to aging can have a direct effect on health
EurekAlert, 29 Jan 2016
Negative attitudes to ageing affect both physical and cognitive health in later years, new research reveals.

You’re only as old as you feel! Our attitudes to aging can have a direct effect on our health
Today Tonight, 21 Jan 2016
Negative attitudes to ageing affect both physical and cognitive health in later years, new research reveals.

Having a positive attitude towards growing old leads to better health: New study | Latest News
Daily News & Analysis, 28 Feb 2016
A new study has found that senior citizens who have a positive attitude towards aging will lead to better health.

Chin up, folks! Attitude towards aging impacts how well you age
The Sydney Morning Herald, 02 Feb 2016
A recent study has found new evidence to support the idea that aging can be just a state of mind, finding that those who have a...

Positive holding til å bli eldre knytes til bedre helse i alderdommen | ABC Nyheter
ABC Nyheter, 02 Feb 2016
Forsokste ved Trinity College Dublin har analyseret data om 4115 seniorer fra The Irish Longitudinal Study on Aging (TILDA).

PSYCHO: Le bien-vivre son âge a un effet direct sur la santé – Personnalité et Individual Differences
Santé blog, 31 Jan 2016
Cette étude du Trinity College de Dublin rappelle toute l'importance de bien-vivre son âge, pour la santé.

Negative attitudes towards aging seem to affect health in later years
The Medical News, 20 Jan 2016
As 43% say negative attitudes to ageing affect both physical and cognitive health in later years, new research reveals.

Attitude to aging can have a direct effect on health, researchers confirm
Science Daily, 29 Jan 2016
Negative attitudes to ageing affect both physical and cognitive health in later years, new research reveals.

Researchers Confirm You’re Only As Old As You Feel – Technology Org
Technology org, 27 Jan 2014
Negative attitudes to ageing affect both physical and cognitive health in later years, new research reveals.

Trinity researchers confirm you are only as old as you feel
The Irish Times, 27 Jan 2015
It's officially. You're only as old as you feel. Research from Trinity College Dublin's longitudinal study on ageing (TILDA) has...
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2015

Purposeful Metrics: Matching Institutional Repository Metrics to Purpose and Audience

Todd Bruns
*Eastern Illinois University, tabruns@eiu.edu*

Harrison W. Inefuku
*Iowa State University, hinefuku@iastate.edu*

[https://lib.dr.iastate.edu/cgi/viewcontent.cgi?referer=https://www.google.com/&httpsredir=1&article=1003&context=digirep_pubs](https://lib.dr.iastate.edu/cgi/viewcontent.cgi?referer=https://www.google.com/&httpsredir=1&article=1003&context=digirep_pubs)
SYSTEMATIC REVIEW

The use of eHealth to provide mental health services to patients with mental health conditions [referees: 3 approved]

Jonathan Moran, Grainne Kelly, Ciarán Hickey

REFEREES Olive Lennon and Caithirna Cunniffe

FUNDER Health Research Board

PUBLISHED 10 Aug 2018

METRICS

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CITATIONS

Google Scholar

RESEARCH ARTICLE

It’s the economy, stupid. But health policy goals still override health policy goals — except for private hospitals in Ireland in the 1980s — in 1 approved, 1 approved with reservation

Sara A. Burke, Ruairi Brugha, Stephen Thomas

REFEREES Eoin O’Mulley; Mark Exworthy

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Values are totals across all versions of this article
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University of California Riverside Assistant Professor

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Issues

• Coverage
• Accuracy
• Disciplines
• Types of outputs
• Altmetric tracking
• No DOIs
Solutions

• Big Six
  – ORCID
  – Profiles
• DOIs (via CrossRef, DataCite, Figshare...)
• Library-based / institutional / researcher analysis & data cleansing.
Survey respondents’ rating of selection criteria for bibliometric tools & resources
Summary

• Very strong support for national consortial approach to bibliometric tools and resources - for leverage purposes with the publisher/vendor (to improve data quality and coverage) as well as price & inclusiveness. Current situation = fragmented, patchy with uncertain or zero access for many.
• Major concerns expressed over coverage; coverage of Irish material, particular subject areas (eg Arts Humanities, Computer Science), plus publications types (eg books, book chapters) is of particular concern.
• Data quality issues repeatedly cited: national approach to data cleansing in Scopus/SciVal is required.
• Strong support for national agreement on metrics and common reporting mechanisms across the HE sector and the agencies – in line with the Leiden Manifesto and with due regard for all disciplines (not only STEM).
• Repeated calls for national approach to ORCID membership and for a National Research Classification. National approach to DOI minting requested.
• Repeated calls for Ireland to follow best practice internationally in terms of governance & resourcing in this area (similar to Denmark etc.)
• Support for interoperability with local research systems (including requirement for a national dataset/national citation report).
• Support for Innovation2020 Section 4.7 (joined-up systems institutionally & nationally).
• All tools are flawed but majority favour Scival over InCites with the next most popular choice as ‘Both’.
• Need to encourage sharing of entities (Schools etc) across institutions.
• Majority favour Altmetric.com over PlumX for altmetrics.
• Query wisdom of committing costly resources in an increasingly open access world (changing landscape).
Proposed change

‘As is’
- Fragmented
- Uneven
- Inequitable
- Uncoordinated
- Unreliable
- Unstandardised
- Unsustainable
- Costly

‘To be’
- Joined-up
- Coherent
- More equitable
- Coordinated
- Reliable
- Standardised
- Sustainable
- Cost effective
Requirements

This list of requirements was derived from the comments & feedback of a broad range of experts who were consulted nationally via the HEA National Bibliometric Survey, August 2017.

1. A national consortial deal to get a high quality service for a satisfactory price.
2. A national data cleansing exercise for all data sources. Integration with ORCID for Ireland.
3. Improved coverage is required PRIOR to any agreement, for:
   a. Types of publications (books, book chapters, conference proceedings – at a minimum. Ideally reports, theses...)
   b. Arts, Humanities and Social Sciences; other disciplines – serious gaps to be addressed
   c. Irish-published research
   d. Non-English material
4. Integration of the ‘National Classification Scheme’ so that research can be benchmarked across institutions; integrated into the bibliometric tools alongside ORCID and institutional and funder identifiers.
5. Support for shared datasets/shared lists of academics, academic units and researcher groups, and/or lists of publications, for each institution to allow benchmarking between universities, department, etc.’
6. A customised, common set of metrics for Ireland and corresponding sets of standardized reports/templates on what Irish institutions can use for standard comparisons using a suite of key comparators.
7. Built-in ORCID identification/matching system so authors can be correctly disambiguated
8. Integration with local CRIS and other systems.
9. Inclusion of altmetrics – with full access and improved data.
10. Delivery of the complete, downloadable and regularly updated national citation report for Ireland i.e. all available research references and citations data for all national research outputs - quality controlled, data cleansed, standardised with appropriate identifiers including DOIs.
11. Purchased data to be preserved and made available to the purchaser/s at the end of the contract.
National Metrics Platform Workpackages

• WP1: Project Management
• WP2: Metrics and reports [definitions, KPIs, deliverables]
• WP3: Institutional name variants: targets/goals/deliverables
• WP4: Coverage: targets/goals/deliverables
• WP5: Planning & testing A. Researcher cohort/ORCID phase B. Monitoring Open Access
Scholarly Research Analysis, Reporting and Evaluation

**Traditional metrics**
- Number (and types) of research outputs*; peer reviewed / non peer reviewed [to be altered to non-binary]
- Research productivity
- Citations/citations per paper/h-index
- Collaborations national/international
- Industry liaison (patents, licences, patent citations)
- Grant applications (number & amount)
- Grant awards (number & amount)
- PhD students (number, number of completions), * Full range of research activities added in TCD in line with Royal Irish Academy KPIs.

**Altmetrics**
- News & mainstream media
- Social media
- Policy papers
- Wikipedia
- You Tube etc.

**Open Science metrics**

**View**

**Impact Indicators**
- Societal
- Cultural
- Economic (inputs AND outputs)
- Open Science metrics

**Level/Lens/Focus?**

**Esteem indicators**
- Awards & honours
- Invited talks/Keynotes
- Elected by peers
- Editorial roles
- Reviewer etc.

**Creativity & innovation**
- Currently under investigation in TCD – Focus groups & consultation underway

**Process & Practice/Production**
- Under investigation in TCD – Focus groups & consultation underway

**‘HumetricsHSS’**
- Collegiality
- Quality
- Equity
- Openness
- Community

Niamh Brennan, TCD, 2018
Thank You!