Web of Science Group presents the *Research. Smarter.* webinar series. Essential resources, tips, and guidance to help you power through each stage of your research journey.
Datele de finanțare în Web of Science

Adriana FILIP
Solutions Consultant EMEA
Septembrie 2019
**GLOBAL COLLABORATION**

- Institutions in emerging economies see collaboration with more established centers of research in developed economies as a way to raise research performance.
- Western researchers also recognize the need for a more global perspective.
- China is now the third largest producer of research articles → collaboration with Chinese researchers (with access to funding) is likely to rise.
- Increasingly the research problems that scientists are pursuing require interdisciplinary teams, resulting in a greater need to collaborate with experts with complementary skills and knowledge.

**CROSS-INDUSTRY COLLABORATION**

- Corporate collaboration is also much more prevalent with corporations benefiting from cost reductions by outsourcing primary or speculative research.
- Research from inter-institution and corporate collaborations tends to raise an institution’s profile, generate greater research influence (citations), greater network centrality (significance), and increased funding from external collaborators.
Fund, Funding, Funders
Greater Collaboration in Research

Ever Increasing Competition for R&D Funding

- the rise in R&D spend continues (private and public funding)
- researcher perspective: more funding ‘available’, there is greater competition for that funding
- public funding has trended towards big grants through research institutions and/or through public-private partnerships that address multi-disciplinary societal challenges (obesity or climate change).

Imperative to Demonstrate Impact

- imperative to justify investment, with funders being increasingly selective about how they allocate funding
- in many countries national assessment exercises are used to measure performance and determine how government funding is allocated
- many private funders are setting specific goals / outcomes as part of the award grant process

The context – Plan S become effective in January 2021 (https://www.coalition-s.org/)

Implications for the scholarly publishing landscape
This report examines recent patterns of publications funded by Plan S supporters, exploring potential impacts on funders, subjects, countries, publishers, and journals. https://clarivate.com/webofsciencegroup/solutions/isi-reports/
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Web of Science indexes funding acknowledgement data linking funding with research output and impact!
Funding acknowledgement data
Data tracked by paper

- Web of Science captures funding acknowledgement data from August 2008 forwards.
- Research administrators can use this data to develop a reliable understanding of funding trends and opportunities.

<table>
<thead>
<tr>
<th>Funding Agency</th>
<th>Grant Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>European Union</td>
<td>LSHB-CT2007-037740</td>
</tr>
<tr>
<td>Deutsche Forschungsgemeinschaft</td>
<td>1175</td>
</tr>
<tr>
<td>Bundesministerium für Bildung und Forschung BioChance Plus</td>
<td>0313827</td>
</tr>
</tbody>
</table>

We thank F. Julicher, G. Feigenson, J. Howard, P. Schwille, C. Brangwynne, H.-T. He, G. van Meer, and members of the Simons lab for critical reading of this paper. A special thank you goes to M. Surma, M. Gerl, and I. Levental for their construction of and contribution to the figures. This work was supported by European Union EPS Lipid PRISM grant no. LSHB-CT2007-037740, Deutsche Forschungsgemeinschaft Schwerpunktprogramm 1175, and Bundesministerium für Bildung und Forschung BioChance Plus grant no. 0313827.
Funding acknowledgement data
Two new sources added in 2016

- We now use two additional sources of funding information: Medline & researchfish®. Thanks to this partnership we can also capture such information for the years earlier to 2008.
- Over 1.5 M records have been enriched with such information

Funding data for 13+M records
Unified Funding in Web of Science

September 20, 2019

- The algorithm that assigns the preferred funding name was developed based on the existing InCites funding agency unification
- The data is searchable
- Currently, we have **1,100+ preferred funder names** mentioned on 1,9+M WOS Core Collection records
- The complete list of unified funding agencies is accessible from the *Help File*
- We also welcome feedback to help refine and prioritize further enhancements: submit feedback through the **Data Corrections form** using the “Funding/Grant Info” category
Examples
Example 1 – Searching a funding agency & analyze the research output
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Example 1 – Searching a funding agency & analyze the research output
Example 2 – Analyze the funding agencies at national level
Example 2 – Analyze the funding agencies at national level

Showing 262,157 records for cu=romania

- 4,097 European Union EU
- 2,956 European Social Fund ESF
- 2,366 National Science Foundation NSF
- 2,337 Romanian Government
- 2,212 National Natural Science Foundation of China
- 3,841 Consiliul Național al Cercetării Științifice din Invatamantul Superior CNCSIS
- 2,374 Romanian National Authority for Scientific Research CNCS UEFISCDI
- 2,183 Science Technology Facilities Council STFC
- 1,995 Federal Ministry of Education Research BMBF
Example 3 – Analyze the funding sources at institution level

Showing 262,157 records for cu=romania

Organizations-Enhanced

Web of Science Categories
Publication Years
Document Types
Funding Agencies
Authors
Source Titles
Book Series Titles
Meeting Titles
Countries/Regions
Editors

Results Analysis
<=Back to previous page

Polytechnic University of Bucharest
26,412
Romanian Academy of Sciences
20,353
Alexandru Ioan Cuza University
12,301
Grigore T. Popa University of Medicine and Pharmacy
12,004
University of Bucharest
21,481

Bailes Bolyai University from Cluj
20,163
Carol Davila University of Medicine and Pharmacy
10,955
Horia Hulubei National Institute of Physics and Nuclear Engineering
8,735
Technical University of Cluj-Napoca
9,911

View Records
Example 3 – Analyze the funding sources at institution level
Example 4 – Analyze the funding agencies for a specific topic
Example 4 – Analyze the funding agencies for a specific topic
Funding data in InCites B&A

**GOVERNMENT / MULTI-LATERAL ORG**
Governments, multi-lateral funders (e.g. WHO, UNICEF) and national evaluators (FCT/ ANVUR/ NSF).

**FUNDERS**
Philanthropic foundations (Bill & Melinda Gates Foundation) and advocacy & fundraising organizations (e.g. American Cancer Society).
Funding data in InCites B&A

What kind of analysis can you do in the Funding Agencies module?

• Compare funding agencies using InCites metrics
• Analyze the funded & published work for an agency together
• Do a co-funding analysis for an agency
• Identify funders that have supported work in a field or on a topic
• Filter by funding agency in other InCites explorers
The Agency Director / Executive Leader needs to ensure that funding is being allocated to those areas that are strategically important to the organization and stakeholders.

Track the impact of funding by tracking the people who receive funding and how they performed post-award.

Fill the gaps in your funding acknowledgements data to better demonstrate impact.

Build metrics and evaluation schemes that give stakeholders a high degree of confidence.

Keep on top of the research landscape and avoid duplicating programs.

Identify the hot areas for future research and avoid funding overcrowded spaces.
CURSURI ONLINE | OCTOMBRIE

DESCOPERA PROFILURILE PUBLONS

Vineri 4 octombrie, ora 11.00-11.45

Află de ce peste 1,8 milioane de cercetători folosesc Publons pentru a expune impactul lor în cercetare. Află cum să reunești publicații, metrii de citare, activități peer-review, toate într-un singur loc.

INREGISTRARE

CE ESTE NOU ÎN INCITES BENCHMARKING & ANALYTICS?

Miercuri 9 octombrie, ora 11.00-11.45

Ești interesat în evaluarea și compararea performanței cercetării la toate nivelurile? Află despre cele mai recente îmbunătățiri în InCites, care permit efectuarea analizelor obiective. De asemenea, descoperă planurile viitoare pentru această platformă!

INREGISTRARE

AUTHOR RECORDS SUNT ACUM DISPONIBILI ÎN WEB OF SCIENCE

Joi 31 octombrie, ora 11.00-11.45

Author Records sunt acum disponibili în Web of Science. Află cum să revendici și să menți o înregistrare proprie, pentru a:

• deține istoricul publicațiilor în Web of Science
• crește vizibilitatea
• asigura dezambiguizarea cu alți cercetători care au același nume.
• vizualiza metrii de performanță.
More resources

Clarivate Libguides
http://clarivate.libguides.com/home

Web of Science You Tube Channel
https://www.youtube.com/user/WoSTraining

Want more resources, tips and guidance to help you research smarter?
Sign up for our newsletter at www.webofsciencegroup.com.
Vă mulțumesc!

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