DIMENSIONS TRAINING

CU Boulder
November 1, 2018
Agenda

What is Dimensions?
Brief overview of contents

Orientation to Dimensions
Filters are your friends
Search types: full data, title & abstract, abstract search
Exports and favorites

Walk-through of some common queries with small exercises
Please log in and follow along! app.dimensions.ai

Q&A
WHAT IS DIMENSIONS?

A linked, categorized and disambiguated database of:

- Publications
- Awarded Grants
- Patents
- Clinical Trials
- Policy Documents
PUBLICATION DATA currently

- Journal articles, pre-prints, conference proceedings and books/book chapters
- Over 97 million records based on metadata
- Metadata and citations derived from multiple available databases
- OA tagging
- Most recent addition: SSRN

Initiative for Open Citations
GRANTS DATA currently

- Project funding
- 4.1M grants, from ~300 funders globally
- $1.3 trillion of funding
- Sourcing
  - Direct relationships with funders
  - Data available via APIs
  - Data available via websites which we crawl
PATENT DATA currently

- US
- EP
- WIPO
- DE
- CA
- IN
- AU
- GB
- FR
- Hong Kong
- Russia
- China will be the next to be added.
CLINICAL TRIAL DATA currently

ClinicalTrials.gov
EU-CTR
UMIN-CTR
ISRCTN
ANZCTR
CHICTR
NTR
GCTR
CTRI
CRIS

... and more are coming
POLICY DOCUMENTS currently

Over 360,000 policy document records, linked to publication records

Including but not limited to:
- World Health Organization
- World Bank
- Food & Agriculture Organization of the UN
- National Academies Press
- Centers for Disease Control & Prevention
- Publications Office of the European Union
- Government of the United Kingdom
- National Bureau of Economic Research
- Economic Policy Institute
Links between the different content sources

Publication
- Publication references
- Publication citations
- Supporting grants
- Patent citations
- Linked clinical trials
- Policy Documents

Grant
- Resulting publications
- Resulting patents
- Resulting clinical trials

Patent
- Patent references
- Publication references
- Supporting grants
- Patent citations

Clinical trial
- Linked publications
- Supporting grants
How do we capture a broader picture of research?

Pre-publication:
- NIH Grants
- Research
- Conferences
- Data sets
- Publications

Post-publication:
- Tweets
- Blogs
- Clinical Trials
- Citations
- Patents
- Policy docs

1-5 years from grant to publication

Immediate
2-3 years
Years
Years
Decades
ORIENTATION – TOP TIPS

Create an account
Save favorites, download history, link to ORCID, export for bibliometric mapping

Filters
Function similar to fields in an advanced search, applicable to content type

Three ways to search
Full data, title and abstract, and abstract search

Compare feature
Remember to remove any organizational or funder filters from your search bar before proceeding
V O S V I E W E R
Freely available at http://www.vosviewer.com/download
COMMON QUERIES
Who is the most prolific researcher in Astronomical and Space Sciences in the past 5 years?

Who is the most prolific researcher at CU Boulder in Astronomical and Space Sciences in the past 5 years?

What was the most cited paper by a researcher at CU Boulder in Astronomical and Space Sciences in the past 5 years? Which had the top Altmetric score?

ON YOUR OWN

Who is the top funder of publications published in the past 5 years in Astronomical and Space Sciences at CU Boulder?
Which researcher has received the most funding in Astronomical and Space Sciences?

Which funder has awarded the most funding in Astronomical and Space Sciences?

Which funder has awarded the most total funding in Astronomical and Space Sciences?

How do CU Boulder and University of Michigan compare with respect to grants active in the next 5 years in Astronomical and Space Sciences?

ON YOUR OWN

How many grants in Astronomical and Space Sciences were awarded to CU Boulder that are active in 2019?
PATENTS

Which funders have supported the most patents in Immunology?

Which organization owns the most active patents in Immunology?

How many active patents have been awarded to CU Boulder in Immunology?

ON YOUR OWN

How many active patents in Immunology were awarded to organizations in Japan? Who are the top funders of these patents?
CLINICAL TRIALS

How many clinical trials will be active over the next five years that are sponsored/co-sponsored by CU Boulder?

How many of these trials are related to the condition of hypertension?

How do CU Boulder and the University of Oregon compare with respect to overall number of clinical trials sponsored/co-sponsored?

ON YOUR OWN
How many Phase 4 clinical trials concerning hypertension will be active in 2019?
TECHNICAL SUPPORT

Search for answers in our Support Library.

If you can’t find an answer to your question, please submit a support ticket. We try our best to respond within 24 hours.
THANK YOU

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  @DSDimensions
  @heidibecherdata
Dimensions Badges and open Metrics API

Dimensions is making publication and citation data available - also via badges and as an open metrics API

Start using it today at badges.dimensions.ai
Researchers can connect their ORCID record to Dimensions to help claim and showcase their published research with a simple, efficient process.

- Add publication information to your ORCID profile directly from Dimensions with a single click
- When available, publically available information is used to enrich research profiles
- ORCID records are also used to improve author disambiguation
The Dimensions API

Powerful API - designed to allow flexible use of the enriched data

- Use without constraints for internal purposes
- Use data outside of the web-app; e.g. in admin systems or analytical software
- Querying language made and documented specifically for new Dimensions
Anywhere Access

An add-on module to Dimensions, the Anywhere Access module offers instant single-click access to:

1. Open Access articles
2. Articles subscribed to with publishers

Anywhere Access works with the organization’s own subscription holdings via EZProxy integration and SSO authentication.
Anywhere Access as a Library Solution

- Library software that connects patrons to subscribed content efficiently
- 1-click access to full text - simplest way to access subscribed content
- Integrated with library holdings, link resolvers, ILL
- COUNTER compliant - downloads from publisher platform.
- Clear indication of access; Ensure no dead ends
- On/off campus - authenticated with SSO
- Integrated document delivery option (instant)
- Cloud solution with two deployment options:
  - Platform add-in (e.g. Dimensions, Primo)
  - Browser Extension (works across web)