

# MAG-Net-ise it!

[eppi.ioe.ac.uk/cms/Default.aspx?tabid=3754](http://eppi.ioe.ac.uk/cms/Default.aspx?tabid=3754)

- The full *Microsoft Academic* dataset is now integrated at the 'backend' of *EPPI-Reviewer*
- The *Microsoft Academic* dataset comprises ~228m bibliographic records of research articles connected in a large network graph of conceptual and citation relationships – the *Microsoft Academic Graph (MAG)* – and is regularly updated as new research is published
- There is potential to use *MAG* to develop an automated prospective surveillance system for updating systematic reviews and living systematic reviews but...
- We need lots of further high quality evaluations!
- We have already developed a user interface (UI) – *MAG Browser* – that is useful for systematic reviews, with the primary aim of supporting further research & development, including our new *MA Graph Search* workflows
- Please sign-up to use and evaluate! (See *overleaf*)

# Using *MAG Browser* and *MA Graph Search* for Research & Development in *EPPI-Reviewer*

## Step 1 - Sign-Up

Visit the new *MAG Browser Portal* at [eppi.ioe.ac.uk/cms/Default.aspx?tabid=3754](http://eppi.ioe.ac.uk/cms/Default.aspx?tabid=3754) to:

- Sign-up for an *EPPI-Reviewer* user account OR
- Login to your existing *EPPI-Reviewer* user account\* AND
- Download the *MAG Browser User Manual*

## Step 2 - Set-Up Part I

Open *EPPI-Reviewer* via the *MAG Browser Portal* and:

- Create a new review or open an existing review
- Import your 'seed' bibliographic title-abstract records into *EPPI-Reviewer* and/or assign them to a new code

## Step 3 - Set-Up Part II

Use the new 'Advanced features' > 'Research & Development' UI in *MAG Browser* to curate a 'gold standard' **unified dataset**:

- Automatically match 'seed' records to corresponding *MAG* records + then:
  - View 'auto-matched' records;
  - View + check 'close match' records; and
  - View, manually look-up + code 'unmatched' records

## Step 4 - Use & Evaluate

Run 'auto-update' searches of *MA Network Graphs* for your own systematic reviews. Generate, analyze + evaluate *MA Network Graphs* - with or without *MA Graph Search* - for efficient study identification in your own systematic reviews + other use scenarios (see the *MAG Browser User Manual* for further details)

## Step 5 - Please Send Us Feedback!

Send us feedback on bugs + suggestions for new features or functionality AND share your evaluation results with the EPPI-Centre team via e-mail to: [EPPIsupport@ucl.ac.uk](mailto:EPPIsupport@ucl.ac.uk) – Please also include 'MAG' in the subject line

## *And finally...*

Please use *MAG Browser* with *MA Graph Search* freely! Further development of these new semi-automated 'study identification' tools requires *both* curation of **unified datasets** and LOTS of further, high quality **evaluations** in systematic review + other use scenarios

\* *EPPI-Reviewer* online systematic review software is available 'free at the point of use' to Cochrane authors and Campbell authors (via an Archie authentication) for use in the production of both new and updated Cochrane or Campbell reviews

