

# Expert Lookup

## Find Experts in minutes

Expert Lookup is an online tool that helps you identify scientific experts who meet your funding priorities and locate the right reviewers for papers and grant applications based on text mining of abstracts. Expert Lookup can help identify potential conflicts of interest around co-authorship and working at same organizations.

### Expert Lookup Features:

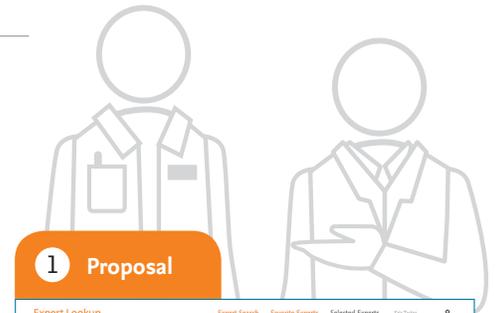
- Text mining that leads to precise matches between incoming proposals and potential reviewers
- Searching by subject area to discover experts for special journal issues as both authors and reviewers
- Identification of experts from approximately 15 million author profiles across disciplines based on Elsevier's Scopus® database
- Ability to build a bank of qualified reviewers
- Choice of thesauri to enable you to search using discipline specific semantics including: Mathematics, Physics, Chemistry, Medicine & Life Science, Engineering, Agriculture, Geoscience, Social Science, Arts & Humanities, Business & Economics
- Identify potential conflicts between reviewers and applicants based on co-authorship, being affiliated with same organization at same time

### How it works

Expert Lookup uses Elsevier's powerful Fingerprint Engine algorithms, Scopus's citation database of over 57 million records and 10 discipline-specific thesauri to ensure the recommended experts are relevant and truly thought leaders in their fields. Identification of reviewers is done via below simple steps:

- 1 Proposal text gets fingerprinted across all thesaurus in Expert Lookup.
- 2 Most relevant thesauri for respective proposal text is suggested as default. User to then review generated fingerprint concepts.
- 3 Fingerprint concepts of proposal texts are then compared with fingerprint concepts of Scopus documents and Scopus authors from those documents are suggested as reviewers.

By matching the Fingerprints of individual researchers against the Fingerprint of an incoming proposal, Expert Lookup automatically suggests reviewers and identifies potential conflicts of interest.



1 Proposal

2 Expert Lookup instantly generates a Fingerprint of the grant application.

3 Expert Lookup provides a list of potential reviewers with indicators of expertise and possible conflicts of interest.

Rank	Name	Institution	Matching	Conflicting interests
1	Chak R.J. Reyes	Medical College of Wisconsin	9	2
2	Alfonso Reyes	Medical College of Wisconsin	4	2
3	Harshad Chavan	Harvard Medical School	5	0
4	Alfonso Reyes	Ohio State University	0	0

For more information please visit <http://www.expertlookup.com> or contact your Elsevier representative.

