

Identify expertise and  
enable collaboration

**SciVal<sup>®</sup> Experts**

Unlock the promise of your research



# The Challenge

## Finding the experts to facilitate collaboration

Researchers, administrators, managers and senior leadership need a directory of research expertise to navigate the vast network of authors in their organization and beyond. Traditionally this information has been exchanged through personal connections or word-of-mouth recommendations, and it is expensive and difficult to collect and maintain in a centralized system.

**Senior leadership and research offices have indicated that access to a pre-populated, searchable tool that allows easy navigation of the breadth and depth of their research enterprise would enable them to:**

- **Reduce administrative burden** by having complete, accurate and up-to-date profiles for all the researchers in their institution without any manual entry
- **Increase clarity around the institution's strengths** by understanding "who knows what" in the organization at the individual, department and institutional level
- **Drive internal collaboration** by revealing network connections, under-connected researchers and ways to form new partnerships within and across departments
- **Facilitate external collaboration** by finding potential collaborators in other organizations

**Likewise, individual researchers have indicated that a directory of research expertise would allow them to:**

- **Collaborate with other researchers in their organization** by identifying experts in their discipline or related subject areas
- **Establish new relationships** by easily navigating the vast network of researchers and departments
- **Collaborate with researchers in other organizations** by finding potential collaborators in other institutions
- **Reduce administrative burden** by using their individual pre-populated, comprehensive and current profile to track their own publications and citations automatically

A manually created expertise IT system has the inherent potential to be helpful – but if it requires busy researchers to create and maintain information about their research interests, it is difficult to keep the system current. Furthermore, if the system is expected to reflect the breadth and depth of experience over a researcher's career while remaining easy to use, the challenge can be daunting.

What is needed is a resource to easily navigate research expertise that is comprehensive, reflecting both career-long and current information, and requires little to no effort for creation or maintenance.

**“We needed an easy-to-use system that enables us to know ‘who’ in the organization is working on ‘what,’ which can help us form collaborative teams and foster productive research relationships.**

**Faculty at Einstein use the application every day to make significant connections with other researchers, and administrators use the solution to enhance their ability to support research.”**

Harry Shamoon MD  
Associate Dean and Director  
Institute for Clinical and Translational Research  
Albert Einstein College of Medicine



# The Solution

## SciVal Experts – Identify expertise and enable collaboration

SciVal Experts is a directory of research expertise that makes it easy for researchers, administrators, managers and senior leadership to find experts and enable collaboration within their institution and across organizations. By scanning and analyzing all of the publications in the Scopus® database, Elsevier creates Fingerprints of individual researcher's expertise and exposes connections among authors. Elsevier can also incorporate additional information, including CV data, awarded grants and patents, to paint a more comprehensive picture of your institution's expertise. SciVal Experts opens up incredible opportunities for knowledge exploration and discovering potential collaborators by linking researchers across common concepts.

With SciVal Experts there's no need to budget for full-time employees to collect the publication output of researchers manually. The institution simply provides the list of researchers and in approximately six to eight weeks the customer gets access to their own SciVal Experts application. Profiles are tailored and categorized to reflect the institution's organizational structure.

In order to deliver the most accurate profiles with the least effort on the customer's part, Elsevier disambiguates author names and manually reviews the profiles. This ensures publications are associated to the correct author and the profiles are precise, comprehensive and up-to-date. Any changes made to the institution's profiles during the manual review process are applied to Scopus.com.

In addition, Elsevier maintains the profiles for the institution. Profiles are automatically refreshed once a week with the latest updates from Scopus.com, and Elsevier manually reviews them quarterly. Users can also provide feedback on their profiles at any time.

The combination of SciVal Experts, Scopus content and these tailored services enables the customer to focus on core tasks and further the institution's research activities.



**SciVal Experts is a valuable resource for personnel throughout an organization, including:**

- Researchers
- Administrators
- Research Managers
- Research Development Professionals
- Deans and Department Heads
- Provosts and Vice Chancellors
- Laboratory Directors
- Librarians
- Students

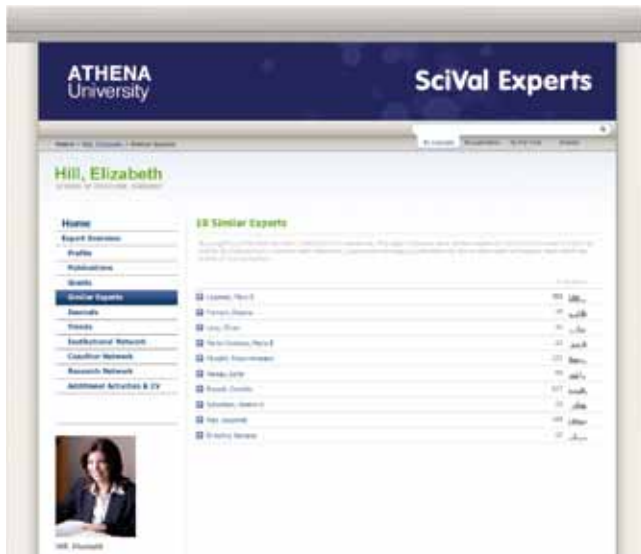
Researchers and administrators can easily identify opportunities for further collaboration within a department or across institutions by reviewing a researcher's interactive co-author network.

“SciVal Experts gives us a comprehensive snapshot of our faculty’s research activities and makes it easy to find experts in a given discipline for collaborative research. It is a great tool to introduce new faculty to existing researchers and to spotlight potential faculty to collaborate on grant proposals.”

Ken Riopelle  
Research Professor, Wayne State University

See who’s using SciVal Experts and try it for yourself

Visit [www.info.scival.com/experts/customerlist](http://www.info.scival.com/experts/customerlist) to access existing SciVal Experts applications and see first-hand how easy it is to navigate through the solution in order to find experts and enable collaboration.



Users can access a list of experts with Fingerprints similar to another faculty member, allowing staff to identify potential collaborators.

Researchers and administrators can click an author’s name and instantly view a comprehensive list of every paper they’ve published. Simply drill down for further details on publications, grants, research trends, similar experts and more.

**SciVal Experts makes it easy for administrators and managers to:**

- Identify the experts in the organization and get immediate access to their publication history
- Identify the appropriate researchers for funding opportunities and connect authors to sponsors
- Understand network connections within a department and help facilitate further collaboration

- Review a researcher’s expertise to determine if a candidate will be a good fit for a new position in the organization
- Download expertise and publication data for deeper analysis, such as identifying areas within the institution for further investment
- Integrate the data dynamically into other systems via web services provided with SciVal Experts

**SciVal Experts makes it easy for researchers to:**

- Identify potential collaborators and discover new relationships within the institution
- Review where other authors have been published and the grants they’ve received
- Track their own publications and citations
- Find researchers in other institutions by searching across SciVal Experts sites
- Identify potential collaborators in other organizations by searching across research profile systems beyond SciVal Experts (US only)

For more information about our SciVal suite of solutions, please contact your nearest Elsevier Regional Sales Office.

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