Analytics

What is experts.asu?

Experts.asu.edu is the public-facing searchable website used to profile ASU's research activities, find expertise, showcase publications and characterize the strengths of research units. Tenure-track faculty, research professors and researchers with high sponsored research activity have profiles as experts.

Where does the data come from?

Organizational units	Research output	Journals	Press clippings	Applications	Persons
External persons	Activities	Prizes	Equipment	Grants	
External organizations	Datasets	Course taught	Impact	Projects	

Elsevier

Knowledge Enterprise

Experts

experts.asu.edu

There are three sources of data that feed into experts.asu:
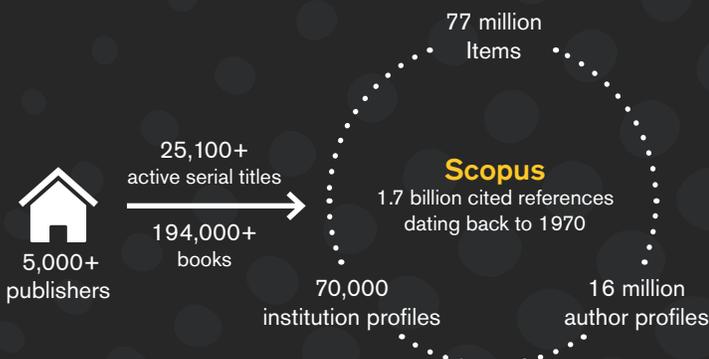
Elsevier:

Elsevier's Scopus database is the largest collection of published scholarly works available to ASU, containing over 75 million peer-reviewed journal articles, trade publications, books, conference papers and patents.

5,000+ publishers

25,100+ active serial titles

194,000+ books

77 million Items

Scopus
1.7 billion cited references dating back to 1970

70,000 institution profiles

16 million author profiles

Knowledge Enterprise Analytics:

Knowledge Enterprise Analytics supplies the list of experts, the department and center organizational hierarchy, and sponsored project data (e.g. abstracts) for the fingerprinting process. Both proposal and award data are included in generating fingerprints but only the award data is visible publicly.

Individual experts:

Experts with a profile can add any additional information (e.g. research interests) to their profile to help other experts find their profile and help the fingerprinting process.

What are fingerprints?

Elsevier's proprietary software mines the text of scholarly documents and expert profiles, identifies key concepts that span all major fields, and then creates a descriptive index of weighted terms — called a fingerprint — that populates in an expert's profile.

All fingerprints are search-able as well, so anyone can access this site and search for scholars with expertise related to a keyword of interest.

Fingerprint

Dive into the research topics where Arizona State University is active. These topic labels come from the works of this organization's members. Together they form a unique fingerprint.

Students
ENGINEERING & MATERIALS SCIENCE

Electrons
ENGINEERING & MATERIALS SCIENCE

Child
MEDICINE & LIFE SCIENCES

Silicon
ENGINEERING & MATERIALS SCIENCE

Substrates
ENGINEERING & MATERIALS SCIENCE

Exercise
MEDICINE & LIFE SCIENCES

👤 **65** Profiles
🏠 **47** Departments and Centers
📖 **1240** Scholarly Works
📦 **7** Grants

Temperature
ENGINEERING & MATERIALS SCIENCE

Experiments
ENGINEERING & MATERIALS SCIENCE

How is experts.asu used?

Anyone can search for profiles or concepts on this public-facing website to quickly find a wide range of researchers within ASU and across departments in order to:

- Identify ASU experts in any particular field by text search or concept.

- Identify potential collaborators to form teams.

- Find a mentor.

- Understand the strengths of a certain expert, department, center, college, etc.

- Share honors, awards, community service or other information to the general public

- Locate other researchers who may be working in a related area.