Illinois Research Connections BETA for Librarians & Unit Administrators

http://go.illinois.edu/irc
Where do you go to find information about Illinois expertise?

- Departmental website?
- Individual website?
- Google Scholar?
- How do you find information across the Illinois campus?
Project Goals

• Goal 1 of the University of Illinois Strategic Plan proposes the development of a faculty profile-sharing database in order to promote scholarship, discovery & innovation.

• This system will:
  • Connect researchers with potential collaborators
  • Showcase Illinois research to external stakeholders
  • Automate publication data collection from reliable source(s)

• This project is NOT intended to support activity reporting and assessment
Use Cases

• Faculty, researchers, & staff:
  • Identify a potential collaborator with niche expertise: on- or off-campus
  • Identify potential reviewers with needed expertise -for grant, fellowship, P&T, and much more

• Grad students/postdocs/undergrads:
  • Identify advisors, mentors, and committee members

• External:
  • Media outlets looking for experts to interview on current events topics
  • General public, BOT, legislators, & potential corporate partners: view the breadth, depth, and significant of campus research in one central place.
Project Scope

- Collaborative OVCR/Library initiative
- Comprehensive
- Up to 2,500 faculty & researcher profiles
- Inclusion of all HR appointments for each included researcher
- Interdisciplinary
- Will include all disciplines, academic colleges and departments at Illinois
- Will also include research-oriented centers and institutes
Project Platform & Data Sources

• Proprietary product called “Pure” by Elsevier (locally rebranded as Illinois Research Connections)
• Pre-populates profiles with publication information in Scopus publications index
• Automatic weekly updates from Scopus data
• Automatic creation of Fingerprint™ concepts
IRC Beta

- Launched December 2015
- Initially includes 1,700+ researchers
- Tenure-line faculty from STEM & SS disciplines
- Researchers in OVCR institutes
- Illinois IP access only
- Includes Scopus-identified publications only
- Arts & humanities profiles not yet visible
Challenges & opportunities

- Scopus index has some subject area weaknesses, particularly HASS
  - OCLC WorldCat data scraping project in progress: will help with monographs
  - Additional manual efforts being explored

- Difficult to capture NTT researchers
  - Currently no clinical, research, or administrative faculty
  - Upcoming process for colleges to designation additional researchers (1x/year process)

- Users, proxies, unit administrators, & librarians can be enabled to edit & enhance profiles
Resources

- [https://experts.illinois.edu](https://experts.illinois.edu) IRC Portal
- [http://go.illinois.edu](http://go.illinois.edu) FAQs & training
  - Videos on how to use for discovery & manage profiles
  - FAQs to support
- [Irc-help@illinois.edu](mailto:Irc-help@illinois.edu) for questions & help requests
- Listserv: [irc-announce@lists.illinois.edu](mailto:irc-announce@lists.illinois.edu)
Looking ahead

• Expanding coverage
  • OCLC WorldCat monographs
  • Campus information: patents, grants
  • Unit/individual enhancement of records
  • ORCID integration

• Interoperability
Web Services

- Elsevier Pure offers an API to support extraction of IRC information into other systems
- Any information publicly available in IRC can be extracted, including Fingerprint terms
- [https://experts.illinois.edu/ws/doc/](https://experts.illinois.edu/ws/doc/)
- Use cases?
  - Web page updates
  - Directories
  - Populating a local profile system

**This is the Pure web service**

It contains a **SOAP service** endpoint at /ws/pure4webservice/. Point your tool to the WSDL for current or stable.

You may also want to use the **REST service** at /ws/rest/
Using Pure to discover experts

https://experts.illinois.edu

Video tutorial at http://go.illinois.edu/ircvideo2
DEMO 2

Managing publications & expert profiles in IRC

https://experts.illinois.edu

Video tutorial at http://go.illinois.edu/IRCvideo1
How to Log-in

- Navigate to https://experts.illinois.edu
- Scroll down to the bottom of the page and click the “Log Into Pure” link
- Use your AD username and password to complete the log-in process
What researchers see when they log in

Most researchers will only see one tab, for their personal profile.

Click to edit profile.

Add new publications.

Can view citation counts from Scopus.
What researchers see when they log in

Can add a proxy, set up automated searches from WOS & Mendeley, & manage fingerprint terms

Add name variants to change display or to facilitate discovery of more publications

Add links & photo

Add additional profile info

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Admin Home Screen – Overview

- View and access content by type
  - Research Output
    - Articles
    - Chapters
    - Books
- Additional functionality, including grants and more, will be enhanced in the future.
- **Right now Research Output is the only category available for administrative management**
- Help resources available via links
Admin Home Screen – Overview

- Personal task pane
  - Add new research output
  - Editorial tasks
    - Research output for validation
  - Messages
Persons are defined as “internal” or “external.”

- Internal: currently has a profile in the system
- External: anyone else, which could include non-profiled researchers on the Urbana campus (grad students, postdocs, emeritus faculty, AP’s)

Name disambiguation for Scopus weekly imports—ways to improve

- Add Scopus ID(s)
- Add name variants that a person has published under
- Add ORCID iD
View & sort research outputs

- From Editor>Research output, you can click on the funnel icon to sort by multiple criteria, such as
  - Organization
  - Person
  - Visibility
  - Period (of time)
  - Origin
- You can see & sort for ALL publications in IRC, not just your unit
- Note that the default view is “my content,” and will only display the publications where your unit is assigned the “managing unit.”
How to manage publications

- Where do the publications come from?
  - They are imported on a weekly basis from the Elsevier Scopus database

- To find or browse publications:
  - Go to “Editor” view. You will see a summary of all research output for the unit.
  - Click research output to browse or search for a particular publication
Any researcher or administrator can extract a list of publications

- PDF
- Excel
- RIS
- BibTex
- Word

You can also select from several citation formats
How to edit or hide existing publications

- Click a research output to open its editor screen.
- Only make changes to publications’ bibliographic information if you are absolutely certain you have the correct information.
- Always remember to “save” after you have made changes.
- To delete a publication, click the red x at the bottom of the edit box. NOTE: We recommend changing the VISIBILITY of a publication, not deleting it. Once a publication is deleted, it cannot be recovered, but must be re-entered into the system manually.
Three ways to add publications to IRC

1. Import from an RIS or BibTex file. If a scholar maintains a Google Scholar or Mendeley profile, this can save time.
   • However, each scholar would have to provide this file to you

2. Manually create a new submission, based upon one of the Pure templates

3. Import from one of the import sources
   • Researchers can also turn on automatic searchers from WOS & Mendeley
How to add publications: Google Scholar

• You can import publications by using a BibTeX file from Google Scholar.

• NOTE: only the Google Scholar profile holder can download the BibTeX file. They will need to download the file and share it to you.

• Google Scholar help documents can provide assistance to the faculty member in downloading the file.

• You can also import information from citation systems like Mendeley, Zotero, or Endnote (BibTeX or RIS files).
How to add publications: Google Scholar

- Once you have the BibTeX file, log into Illinois Research Connections and click “add new” in the top right-hand corner.
- Then click “research output” and “import from file.”
- Choose BibTeX, and drag the file to the import box.
How to add publications: Google Scholar

- Once you have the BibTeX file, log into Illinois Research Connections and click “add new” in the top right-hand corner.
- The publications from the file will appear in a list with Import/Reject icons beside them.
- **Important:** Your import is not complete until you have clicked through and saved each record. Note that Illinois Research Connections will alert you of previously-imported content so you do not create duplicate records.
How to add publications manually

- Click “add new” in the top right-hand corner to add a new publication via template
- Choose one of the most commonly used templates, or browse/search for the most appropriate template
- Always remember to “save” after you are finished entering information.
Questions?
Visit go.illinois.edu/irc