

Yewno Discover: *Explore Beyond*

Are Your Researchers and Students Getting the Most Out of Your Collection?

Yewno Discover offers unprecedented concept exploration of your electronic and physical collections that helps researchers easily dive deeper and invites students to imaginatively journey through topics.

The screenshot displays the Yewno Discover interface. On the left, a search bar contains the word "curiosity". Below it, three search results are listed:

- Psychology / Emotions**
Curiosity
Curiosity (from Latin cūriōsītās, from cūriōsus "careful, diligent, curious", akin to cura "care") is a quality related to inquisitive thinking such as exploration,...
- Physics / Astrophysics**
Curiosity (rover)
Curiosity is a car-sized robotic rover exploring Gale Crater on Mars as part of NASA's Mars Science Laboratory mission (MSL). Curiosity was launched...
- Performing Arts / Television**
Curiosity (TV series)
Curiosity is an American documentary television series that premiered on August 7, 2011, on the Discovery Channel. Each episode focuses on one questio...

On the right, a concept map visualizes the relationships between various concepts. The central node is "Curiosity", which is connected to numerous other nodes including: Memory, Neural basis of self, Flashbulb memory, Treatments for comba..., Fibromyalgia, Anhedonia, Aging brain, Spontaneous recovery, Eating disorders and..., Neuroeconomics, Pain and pleasure, Limbic system, Reward system, Addition, Amphetamine, Applied behavior ana..., Operant conditioning, Dog training, Learning theory (edu..., Psychological behavi..., Experimental analysi..., Shaping (psychology), Conditioned emotiona..., Brain stimulation re..., and Addictio. The map shows a complex network of interconnected ideas, illustrating the interdisciplinary nature of the concept.

Your library has a great collection that provides real value to your research and learning community. But how do you get them and your administration to see all that you can offer?

Yewno Discover is a next generation research application that provides unique benefits not found in traditional library search.

It dramatically enhances the research process by ingesting content "at the atomic level" to reveal and relate **the concepts** within the material.

Its sophisticated yet simple-to-use visual concept browser offers users unprecedented insight into interdisciplinary connections beyond standard search results.



THE TECHNOLOGY: Beyond Keywords

With a truly unique technology, Yewno Discover is not keyword indexing with relevancy ranking. Yewno's advanced algorithms apply computational linguistics into full-text, which means granular concepts are extracted and linked to related concepts within a discipline and beyond. Yewno preserves the author's original intent and search results become an illustration of how concepts (not keywords) relate to each other.

This represents a significant advance in the landscape of research tools. From the original Online Public Access Catalogs (OPACs) to the cloud-based discovery services, library search has been traditionally optimized for the disclosure of holdings. Yewno Discover introduces highly effective concept discovery first, with holdings details also integrated into the user's results.

The result is a new type of collection exploration application that works alongside existing discovery products and supplements a library's existing tools and services.

WHY YEWNO IS DIFFERENT: THE FUNCTIONS

DISCLOSURE & RETRIEVAL



LIBRARY SEARCH TOOLS

Traditional Library

Search Tools:
Focus on disclosure of library holdings and keyword retrieval

KNOWLEDGE DISCOVERY



YEWNO DISCOVER

Yewno Discover:

Focus on exploration of concepts and knowledge

FUNCTIONS

WITH YEWNO DISCOVER, RESEARCHERS AND STUDENTS SEARCH EASILY, EXPLORE WIDELY

THROUGH CONCEPTS AND RELATIONSHIPS, AND FLOW INTO THE LIBRARY'S HOLDINGS THROUGH YOUR LINK RESOLVER

The screenshot displays the Yewno Discover interface for the search term "Developmental robotics". The interface is divided into several sections:

- Navigation:** Includes a "Back" button, a search icon, and a star icon for favorites.
- Overview:** Shows the search term "Developmental robotics" with a sub-category "Psychology / Cognitive Science". Below this are tabs for "Overview", "Concepts", and "Documents".
- Concepts:** A central concept map with "Developmental robotics" at the center, connected to various related concepts such as "Evolutionary robotic...", "Robot learning", "Computational neuros...", "Pim Haselager", "Gustavo Deco", "Deep learning", "Learning through pla...", "Metastability in the...", "Philosophy of mind", "Machine learning", "Artificial intelligen...", "Jean-Christophe Bail...", "Neurophilosophy", "Cognitive science", and "Pierre-Yves Oudeyer".
- Definitions:** A section titled "DEFINITIONS" with a large question mark icon and a silhouette of a head with gears. The text reads: "Developmental robotics (DevRob), sometimes called epigenetic robotics, is a scientific field which aims at studying the developmental mechanisms, architectures and constraints that allow lifelong and open-ended learning of new skills and new..."
- Documents:** A list of search results, each with a "Back" button, search icon, and star icon. The first result is "Applying developmental-inspired principles to the field of developmental robotics" by ACM, published in 2008. The snippet reads: "To mimic development we also start with a realistic approach to some innate substrates (e.g. 1 Terms besides Developmental Robotics include the more general BioRobotics, the more specific ones of Cognitive Developmental Robotics, Epigenetic Robotics, Figure 1 DR processes motivation, attention), a cognitive design that may afford emergence through interactions with some realistic environment. Model-based hypotheses can be empirically tested in a 2nd step by building a robot (embodiment) that is situated and can develop certain capabilities through interaction with the environment. One example is Piaget's hypothesis on the importance of sensory-motor interaction, staged competence learning and the sequential lifting of constraints over a developmental path. Such hypotheses suggest robotic development studies that can be checked against behavioral stages (periods of growth and consolidation) followed by transitions (phases where new behavior patterns emerge) that we observe in children. The next section discusses some of the issues that influence design, modeling and experimentation within DR in an attempt to improve the overall process. 3. A SCIENTIFIC FRAMEWORK FOR DR".
- Availability:** A badge indicating "Available At Your Library" with the Stanford logo.
- Relevant Snippet:** A section titled "RELEVANT SNIPPET" containing the text from the document snippet.
- Journal:** "Proceedings of the 8th Workshop".
- Authors:** "Berg-Cross, Gary".



THE BENEFITS:

Researchers and Students Gain More Efficient and Effective Research and Learning

Faster understanding: Rather than merely seeing the “first page of results,” there is a visual and highly efficient method for researchers and students to understand the full topic landscape. Identifying which articles and content are relevant to their work is also faster with Yewno Discover highlighting the exact paragraph where the concept was extracted from, saving researchers and students hours of precious time.

Easy interdisciplinary exploration: Research across disciplines becomes a seamless activity, which allows researchers to be more than a “mile deep and an inch wide” in their research. Yewno is especially valuable to specialized researchers because it can identify relationships to resources and authors that may not be known but are relevant to their field of interest.

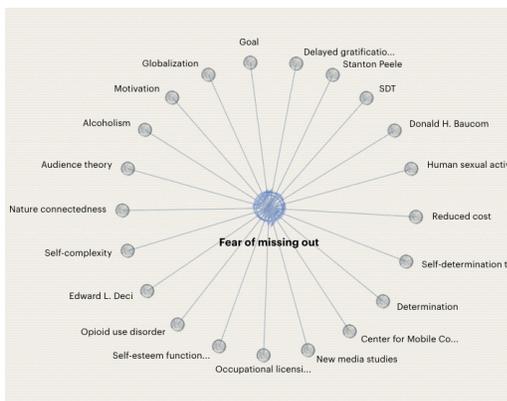
Improved search results: Results feature unbiased concepts and connections—not findings based on pre-defined keyword search.

Intuitive experience: Frustrated researchers who struggle to navigate between tabs, lists, and pages of resources will now find the discovery experience easy and natural. Without leaving the search results page, users can navigate from topic to related topic while reviewing and evaluating relevant articles and books as they go.

Comprehensive coverage: Yewno has ingested over 100 million assets (and still growing) and its highly effective method for discovering resources ensures that users experience comprehensive and credible coverage on a topic.

BEYOND THE INTERNET

DOMINIC, a doctoral student studying online social behaviors, was especially interested in the phenomenon of ‘fear of missing out’.



“Searching the net for ‘fear of missing out’, specifically in a context of research and academia, is a pain. Thus, having these mind maps, which instantly just gave me three theories I was searching for and two new ones I would not have used, *this just made my workday four hours shorter.*”

BEYOND TYPICAL STUDENT SUCCESS

AZUCENA is a first generation college student pursuing her BA in History. She pushes herself to be academically ambitious. Being one of 4 undergrads in a class designed for law students was challenging already, and receiving an extremely vague research paper topic was daunting.



“Luckily, Yewno takes away the initial feeling of disorientation one gets on first receiving a research assignment. Yewno gave me the option to approach a topic from several different angles until I found one that truly interested me. It also gave me the tools to organize an effective argument. Yewno gave me a place to start and push forward through each of my 3 final research papers.”



BENEFITS FOR YOUR LIBRARY:

Increase Your Collection's Value and Reach:

A vast number of resources in your collection or institutional repository are overlooked due to lack of exposure in search results. Yewno Discover makes your holdings more discoverable so your collection becomes more valuable to your campus.

Support Your Researchers' and Students' Success:

Introduce your community to a visual and innovative way to intuitively explore knowledge and succeed in their research and schoolwork faster and with deeper understanding.

Easy Implementation: Yewno Discover is a completely cloud-based application with nothing to install locally, no local infrastructure to maintain, and complements perfectly alongside your current search tools.

Beyond 115 Million

Yewno Discover's corpus of content expands rapidly on a daily basis to cover all academic endeavors - recently celebrating the 100 millionth content asset milestone. Yewno works with a wide range of scholarly and academic publishers, credible open resources, and institutional repositories to ensure that the quality and breadth of content being explored is relevant and valuable to users.

Beyond Past Onboarding Experiences

Traditional library discovery software installations are notoriously complex and resource-intensive. They are not undertaken lightly even by the most experienced library technical service staff. But Yewno is different, with a simple plug-and-play website widget.

Yewno is a true cloud-based application with an installation process that is quickly and seamlessly integrated into the library's platforms with trivial impact on your library's IT. And, since Yewno's interface is based on modern responsive design, it can be implemented easily even within the most sophisticated systems environment.

Whether your library supports a small liberal arts college or a major research institution, you can offer this innovative new service without the administrative and technical overhead of the previous generation of search services. Yewno Discover is a clear win for libraries and users.

Going Beyond

No matter how sophisticated a researcher may be, Yewno elevates the research process beyond traditional search and discovery. Yewno offers a serendipitous experience that not only hones in on a discipline, but also provides insightful and surprising results that cross interdisciplinary lines. Novice researchers find Yewno to be an efficient way of exploring new concepts and contexts, as do researchers with deep subject expertise who are interested in broadening their research process and landscapes.

Best yet, Yewno increases the visibility of the individual assets in your collection to increase the value you bring to your school leadership and your research, learning, and teaching communities.

WANT TO TAKE YOUR LIBRARY BEYOND?