



Ex Libris Esploro

Your path to greater research impact

Ghislain Onestas

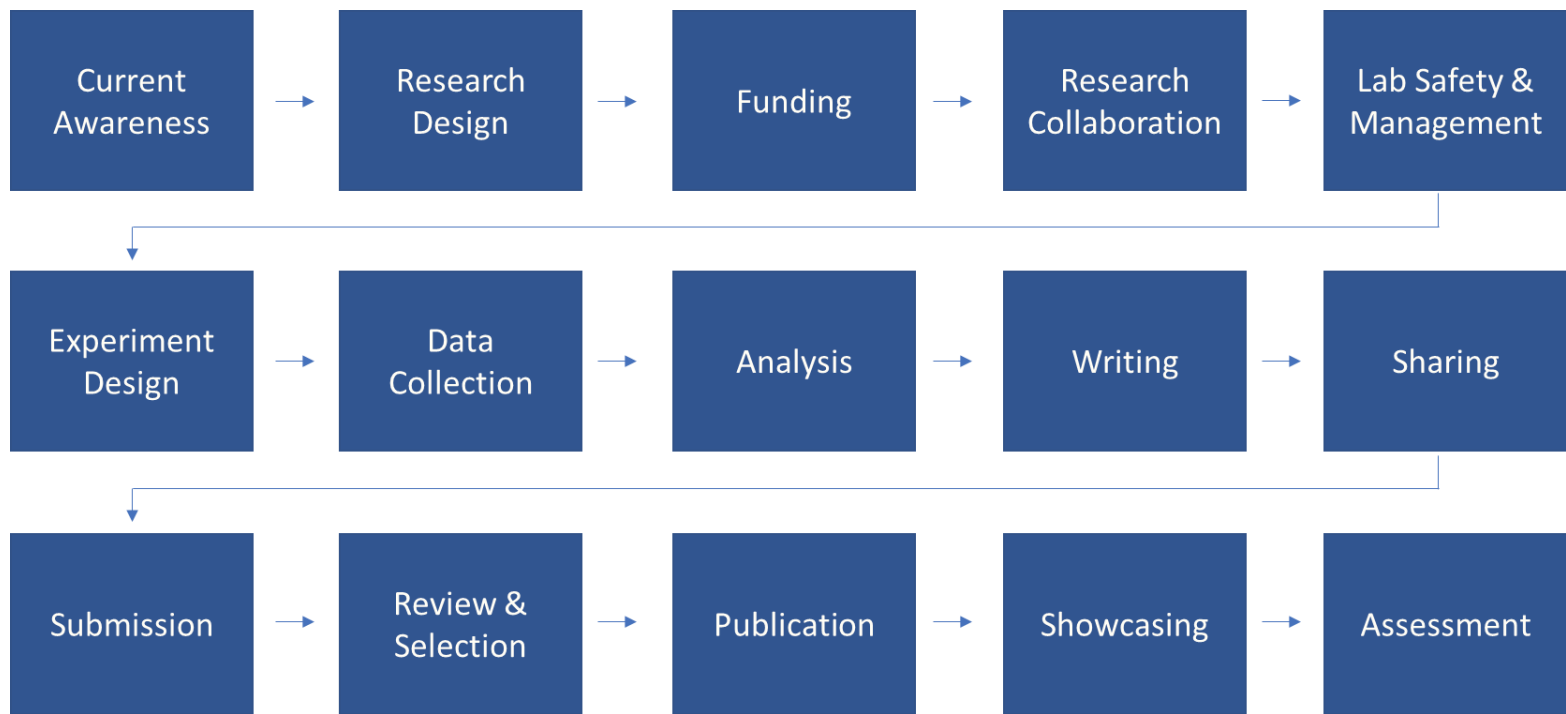
Pre-Sales Solutions Expert EMEA



uc3m | Universidad
Carlos III
de Madrid

ExLibris
a ProQuest Company

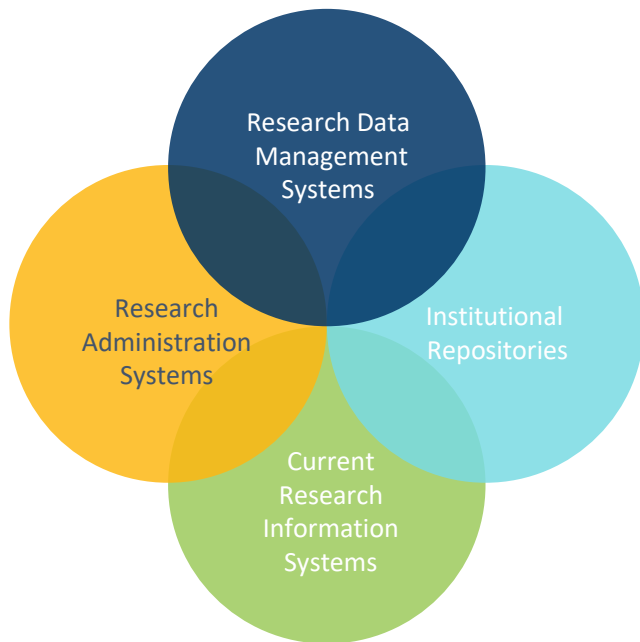
The Research Workflow



Strategy & Integration Among Workflow Providers, ROGER C. SCHONFELD, The Scholarly Kitchen

The Research Solutions Landscape: Current Challenges

- Disjoint point solutions with lots of duplicative and manual work
- STEM focused
- Reliance on researcher's deposits & manual work
- Lack of integration with library workflows
- Incomplete researcher's profiles & analytics
- Limited built-in collaborations and open APIs



Navigating the Complexity of Research Processes



Researchers

Publish, publish, publish

- Too many systems
- Overhead of working with IRs
- Hard to maintain public profile
- Competition for funding



Librarians

Support research processes

- Manual workflows
- Multiple systems & data models
- Discoverability of research assets
- Far from the research process

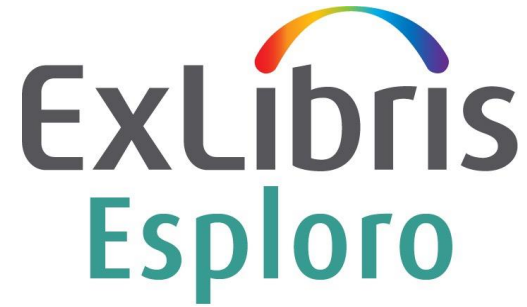


Research Office

Increase effectiveness of research activities

- Risk of non-compliance
- Compliance of OA publications
- Plan S
- Research Assessment Systems
- Visibility to publication metrics
- Interdisciplinary collaborations

Impact on: Visibility, Efficiency, Compliance



Paving the way to greater impact of academic research by maximizing visibility, efficiency, and compliance of research activities, leveraging library expertise and technology

Increased impact of research activities



Data exposure via discovery
& institutional portals



Automated update of
researcher profiles



Research metrics
and benchmarks

A next-gen research repository



All research assets in
one place, connected



Intelligent
capture



Enrichment
of metadata



Esploro at a Glance

Showcasing Institutional Research

The screenshot displays the ExLibris Esplo website interface. At the top, there is a navigation bar with the following links: LIBRARY SEARCH, JOURNAL SEARCH, BROWSE, FETCH ITEM, TAGS, DIGITAL COLLECTION, NEWSPAPERS, and ESPLORO. On the right side of the navigation bar, there are icons for a refresh button, a pushpin, and a language selector set to "Guest ENGLISH".

Below the navigation bar is a search bar with a dropdown menu set to "All" and a search input field containing "Search...".

The main content area features a "News" section on the left with the following text:
News
Read about Prof. Sage Fitzgerald's new stem cells research in [The New York Times](#)
Congratulations to Prof. Sophia Lewis for receiving the [best Information Science Research Award](#) from the [Association for Information Science](#)

The central part of the page is a grid of nine statistics cards, each with a representative image, a title, and a count:

- Scholars**: 6,137 Scholars (Image: Scientists in a lab)
- Publications**: 45,956 Publications (Image: Stack of books)
- Creative Work**: 189,012 Creative Works (Image: People in a meeting)
- Departments**: 13 Departments (Image: Library shelves)
- Research Data**: 459,612 Research Data (Image: Hands holding a document)
- Processes**: 37,183 Processes (Image: Laptop with data visualization)
- Awards**: 7,415 awards (Image: Hands holding a trophy)
- Media Mentions**: 10,485 Media Mentions (Image: Woman presenting a poster)
- Patents**: 1,879 Patents (Image: Two people smiling)

Managing All Research Output & Data in One Place

The screenshot shows the Alma library back-office interface. The top navigation bar includes 'Ex Libris Esporo', 'Alma', and various menu items like 'Acquisitions', 'Resources', 'Research', 'Fulfillment', 'Admin', and 'Analytics'. The main area is titled 'Manage Deposits (1 - 10 of 63)'. On the left, there are facets for 'Deposit Type' (Automatic, Mediated, Researcher) and 'Asset Type' (Book Chapters, Blogs, Code, Conference Papers, Data Sets, Doctoral Theses, Journal Articles, Master Theses, Musicals, Newspaper Articles, Performances). The main list shows four items:

- 1. **The Research Services Platform** (Researcher Deposit, Publication - Article) by Sophia Lewis, assigned to Emily Jones. Submission Date: 18/2/2019.
- 2. **Research Services Usage Patterns** (External Capture, Research Dataset) by Inbal Arnon, assigned to Emily Jones. Submission Date: 17/2/2019.
- 3. **Minding the gaps: literacy enhances lexical segmentation in children learning to read** (Researcher Deposit, Publication - Journal Article) by Inbal Arnon, assigned to Emily Jones. Submission Date: 18/2/2019.
- 4. **Water and history** (External Capture, Publication - Conference Proceeding) by Inbal Arnon, assigned to Emily Jones. Submission Date: 17/01/2018.

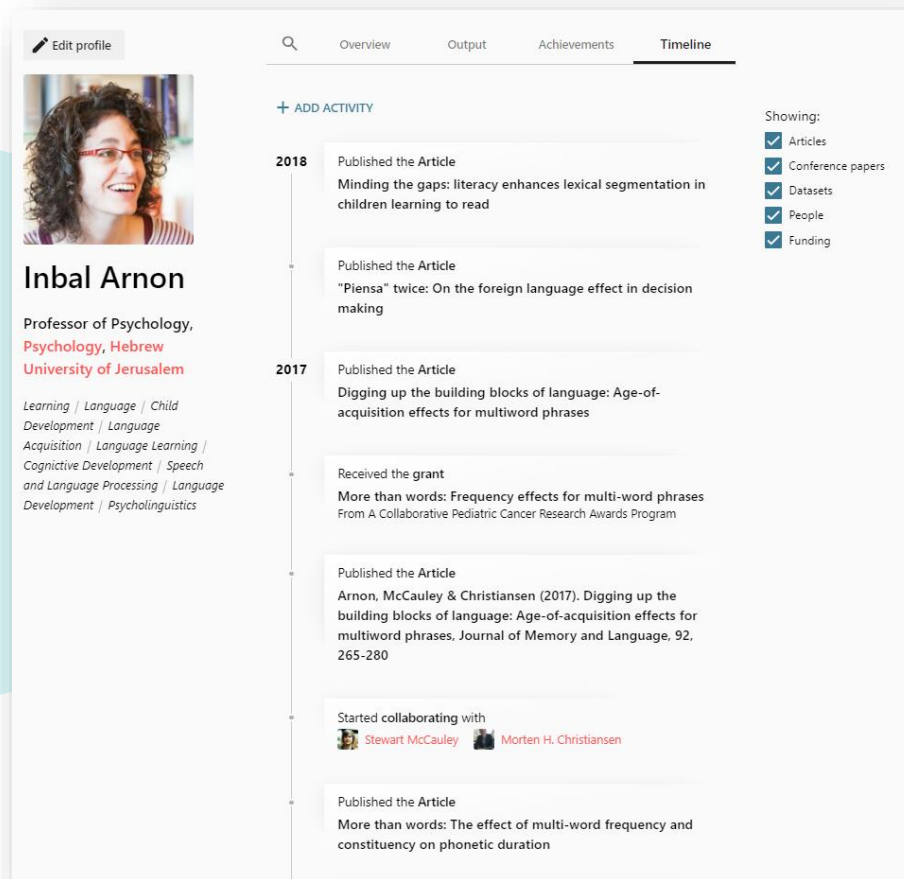
Researcher Public Profile

The screenshot shows a researcher's public profile. The top right has 'Funding Search' and '+ ADD STUFF'. The main content is divided into sections: 'Drafts', 'Publications (5)', 'Conference proceedings (2)', 'Research data (1)', 'Patents (1)', 'Processes (2)', 'Books (2)', and 'Dissertations (1)'. The 'Publications' section is expanded, showing three articles:

- Minding the gaps: literacy enhances lexical segmentation in children learning to read** (SUBMITTED) by Naomi Havron and Inbal Arnon. Abstract: Can emergent literacy impact the size of the linguistic units children attend to? We examined children's ability to segment multiword sequences before and after learned to read, in order to disentangle the effect of literacy and age on segmenta...
- "Piensa" twice: On the foreign language effect in decision making** (IN REVIEW) by Albert Costa, Alice Foucart, Inbal Arnon, Jose Apesteguija and Melina Aparici. Abstract: In this article, we assess to what extent decision making is affected by the language in which a given problem is presented (native vs. foreign). In particular, we aim to ask whether the impact of various heuristic biases in decision making is diminished whi...
- Digging up the building blocks of language: Age-of-acquisition effects for multiword phrases** by Inbal Arnon, Stewart M. McCauley and Morten H. Christiansen. Journal of Memory and Language, 92, 265-280. Abstract: Words are often seen as the core representational units of language use, and the basic building blocks of language learning. Here, we provide novel empirical evidence for role of multiword sequences in language learning by showing that, like words, multi...
- More than words: Frequency effects for multi-word phrases** by Inbal Arnon and Neal Snider. Journal of Memory and Language, 92, 265-280.

Library back-office

Intelligent Capture from External Sources



The screenshot displays a researcher's profile page with a navigation bar at the top containing 'Edit profile', a search icon, and tabs for 'Overview', 'Output', 'Achievements', and 'Timeline'. The profile section on the left includes a photo of Inbal Arnon, her name, and her affiliation: 'Professor of Psychology, Psychology, Hebrew University of Jerusalem'. Below this are several research interests listed as links: 'Learning / Language / Child Development / Language Acquisition / Language Learning / Cognitive Development / Speech and Language Processing / Language Development / Psycholinguistics'. The main 'Timeline' section is titled '+ ADD ACTIVITY' and shows a list of activities from 2018 to 2017. On the right side of the timeline, there is a 'Showing:' filter with five checked options: 'Articles', 'Conference papers', 'Datasets', 'People', and 'Funding'. The activities listed include:

- 2018**
 - Published the Article: **Minding the gaps: literacy enhances lexical segmentation in children learning to read**
 - Published the Article: **"Piensa" twice: On the foreign language effect in decision making**
- 2017**
 - Published the Article: **Digging up the building blocks of language: Age-of-acquisition effects for multiword phrases**
 - Received the grant: **More than words: Frequency effects for multi-word phrases** (From A Collaborative Pediatric Cancer Research Awards Program)
 - Published the Article: **Arnon, McCauley & Christiansen (2017). Digging up the building blocks of language: Age-of-acquisition effects for multiword phrases. Journal of Memory and Language, 92, 265-280**
 - Started collaborating with: **Stewart McCauley** and **Morten H. Christiansen**
 - Published the Article: **More than words: The effect of multi-word frequency and constituency on phonetic duration**

Easy Deposits – by Library or Researcher

Journal Article Deposit

Deposit

Deposit by: Sophia Lewis Affiliation: Information Science Department

Article Title: The Research Services Platform

File Management

Upload File

File Name	Type	Size
The Research Services Platform.pdf	application/PDF	570KB

Creator & Contributors

1 - 1 of 1

First Name	Last Name	Affiliation	ORCID	Creator/Contributor
Sophia	Lewis	Information Science	1234-5678-9012-3456	Creator
John	Wang	Information Science	5678-9012-3456-7890	Contributor

Detailed Description

DOI: doi.org/12.4563/K9/TDRB.2017.7he45rte PMID: 23193287

ISSN: 0740-6188 eISSN: 0740-6189

Alternative Title 1: Exploro White Paper Alternative Title 2:

Volume: LXIV Issue: 3

Library mediated deposit

Researcher deposit

THE ESSENTIALS DESCRIBE IT SPECIFY RELATIONSHIPS

Enter a title *

Minding the gaps: literacy enhances lexical segmentation in children learning to read

Related people

Lookup people by name or ORCID or Add a new person

Inbal Arnon — Select role
Hebrew University of Jerusalem (0000-0001-8934-718X)

Naomi Havron — Select role
Napier University (8958-2501-6671-816)

Research topics

Language Acquisition Psycholinguistics

Language

Enter Languages English

Description

Normal B I U x₂ x²

Can emergent literacy impact the size of the linguistic units children attend to? We examined children's ability to segment multiword sequences before and after they learned to read, in order to disentangle the effect of literacy and age on segmentation. We found that early readers were better at segmenting multiword units (after controlling for age, cognitive, and linguistic variables), and that improvement in literacy skills between the two sessions predicted improvement in segmentation abilities. Together, these findings suggest that literacy acquisition, rather than age, enhanced segmentation. We discuss implications for models of language learning.

Automated Population of Metadata & Easy Enrichment

The following fields have been auto-populated:

- Audience
- Start page
- Additional subjects
- Creators
- Language
- Article title
- ISSN
- Publication place
- Open access article?
- DOI
- eISSN
- Issue
- Journal name
- PMID
- Publication date
- Volume
- Peer reviewed journal?
- Publisher
- Abstract
- End page

The following fields have been auto-populated:

- Audience
- Start page
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- Open access article?
- DOI
- eISSN
- Issue
- Journal name
- PMID
- Publication date
- Volume
- Peer reviewed journal?
- Publisher
- Abstract
- End page

Flexible Data Models – Tailored per Asset Type

Publication details

Subtitle ISSN

PMID eISSN

Publisher

Issue

End page

Language

**Journal Article
Deposit Form**

Deposit

ETD Author *

Awarding Academic Unit *

Title *

Subtitle

Degree awarded *

Pages

Format

ETD Deposit Form

Publication details

Subtitle ISSN

PMID eISSN

ISBN Publisher

Conference name eISBN

Conference date Conference number

Title of published proceedings Conference location

Issue Volume

End page Start page


Publication place Language

Conference Proceedings Deposit Form


Holistic, Connected View of Research Output and Data

Relationships


Dataset - Research Services Usage Patterns




[Research Matrix](#)




[Results Highlights](#)



[Interviews with Library Directors](#)




[Interviews with Provosts](#)



[Interviews with Researchers](#)

Presentation - Overview of the Research Services Platform



[Overview of the Research Services Platform](#)

Library Deposits Management

Research Services Usage Patterns
 External Capture
 Research Dataset
 External Capture from **Dataverse** for Sophia Lewis
 Assigned to: Emily Jones
 Affiliation: Information Science

Submission Date: 17/2/2019
 Deposit Status: Submitted
 Update Date: 18/2/2019
 Funder: Society of Information Science

[Edit Deposit](#) [Approve](#)

Asset Details
Files (5)
Relationships (2)
Other details

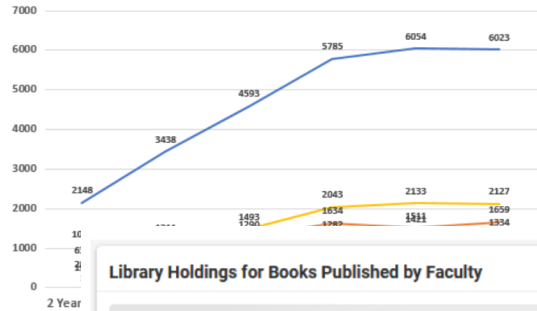
Data Name	Asset Type	Relationship Type	
The Research Services Platform	Publication - Article	Publication of	View
Overview of the Research Services Platform	Impact - Presentation	References	View

Public Research Portal

Comprehensive Analytics

Public Views of Researchers Outputs

Open in a new window



Journals Held by the Institution Containing Articles Published by Faculty

Open in a new window

Title	ISSN	Start Date	End Date	Number of Publications
Advancing women in leadership	1093-7099	1/1/1954	11/30/1978	91
Archives of Women's Mental Health	1435-1102	1/1/1982	N/A	587
Berkeley women's law journal	0882-4312	3/1/1987	10/31/2012	87
BMC Womens Health	1472-6874	3/1/1990	N/A	546
Journal of Gender and Social Issues	1813-9892	1/1/1976	12/31/2001	137
Journal of Gender Race and Justice	1550-7815	1/1/1923	N/A	1475

Library Holdings for Books Published by Faculty

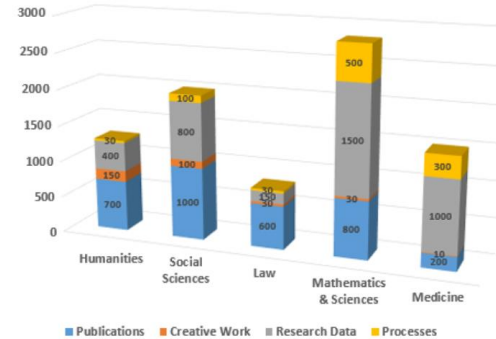
Books Holdings 🔗
80.7%

- 8,973 in Library Holdings
- 2,146 not in Library Holdings



Deposit Types per Faculty

Open in a new window



Integrated Alma Workflows

The screenshot displays the Alma library management system interface. At the top, the navigation bar includes 'ExLibris Explore', 'Alma', and a menu with 'Acquisitions', 'Resources', 'Research', 'Fulfillment', 'Admin', and 'Analytics'. The 'Research' menu is expanded, showing options like 'Deposits', 'Researcher Deposits', 'DMP Management', 'Automatic Captures', and 'Storage Research'. A 'Tasks' panel is overlaid on the right, listing various tasks with counts and right-pointing arrows. Below the tasks list, there is a section for 'Interfaculty Collaboration' with a network diagram and a 'Scheduled Jobs Status' section with a table of dates.

Tasks

468	Researcher Deposits	>
69	Other Requests	>
737	Automatic Captures	>
25	APC Requests	>
12	DMP Management	>
3	Deposits	>
17	Trials	>
246	Reading Lists	>

Interfaculty Collaboration

Open in a new window

Scheduled Jobs Status

Date	Status
01/21	🚩
01/20	🚩
01/19	🚩
01/18	🚩
01/17	🚩

Integrated Pivot/Research Professional Search for Funding Opportunities

Search Esploro

Hide funding + ADD CONTENT

Search for funding
child language

Funding results for *child language* [See all 18 results](#)

16 Nov 2019, £350,000 GBP Young People & Education - Early Years Special Initiative Mercers' Company	16 Feb 2019, \$275,000 USD Typical and Atypical Patterns of Language in Dual Language Learners (R21-Clinical Optional) United States Department of Health and Human Services National Institutes of Health (NIH)
05 Feb 2019 Typical and Atypical Patterns of Language & Literacy in Dual Language Learners (R01-Clinical Trial Optional) United States Department of Health and Human Services (HHS) National Institutes of Health (NIH)	25 May 2019, \$150,000 USD Neuro-Habilitation Program International Rett Syndrome Foundation
31 Aug 2019 Elsie Eyer Commitment to Underserved People (CUP) Award Arizona Public Health Association (AZPHA)	15 Apr 2019 Grant Program Woods Charitable Fund, Inc.
15 Jan 2019, \$200,000 USD Developmental Sciences (DS) National Science Foundation (NSF) Directorate for Social, Behavioral and Economic Sciences (SBE) Division of Behavioral and Cognitive Sciences (BCS)	CONTINUOUS Place-Based Applications S.H. Cowell Foundation
08 Apr 2019 Ruth L. Kirschstein National Research Service Award (NRSA) Individual Fellowship for Students at	28 Mar 2019, \$120,000 AUD Grants and Funding - International Research Program

Full details in Pivot

Home Funding Profiles Papers Invited Admin Funding Search

Young People & Education - Early Years Special Initiative

Opp ID: 186144 | Program or Curriculum Development or Provision | Last edited on 16 Nov 2018

Full Details

Website: <https://mercersphilanthropy.co.uk/programmes/young-people-education/what-who-we-support/>

Sponsor: Mercers' Company

Amount: **Upper £350,000 GBP**
This is a three-year funding programme with a total grant size of up to £350,000 per organisation. This Initiative is for core and/or project costs and it will not be funding capital projects.

Applicant Type: Academic Institution Nonprofit

Citizenship or Residency: United Kingdom

Activity location: United Kingdom

Track: 0 others

Set to Active: 0 others

Share


See alert recipients (0)
See more opps like this
Send feedback

Potential Collaborators

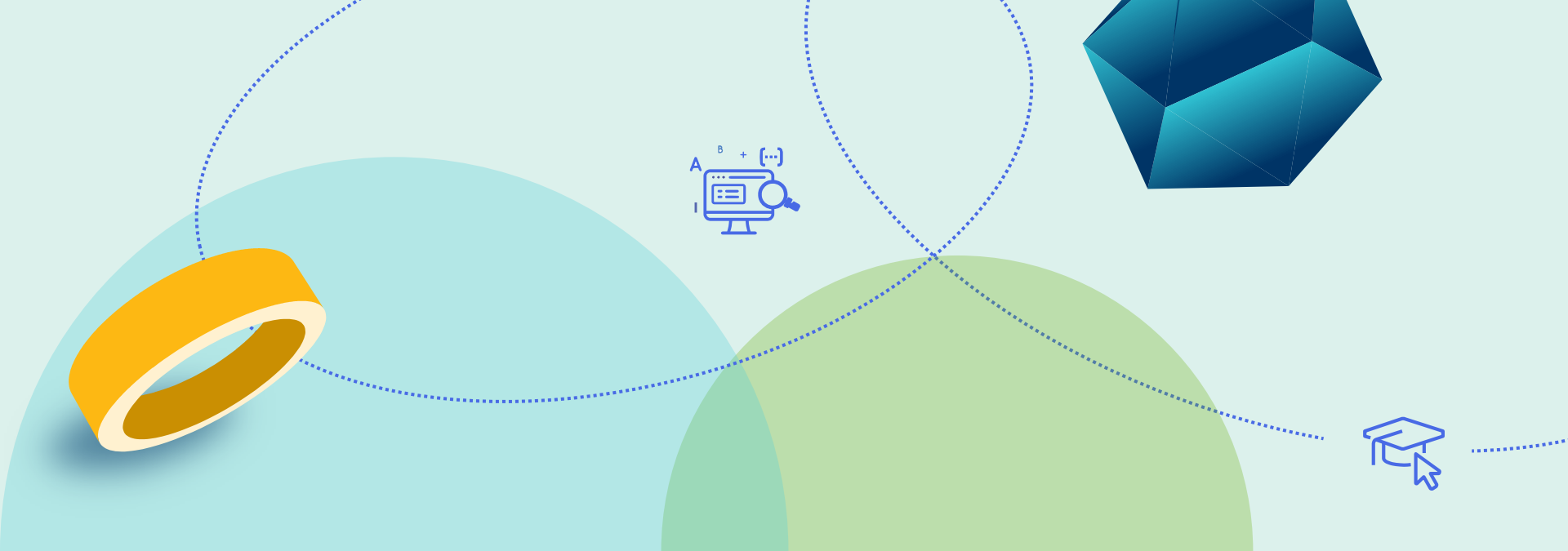
500+ from outside institutions

Funding Contact Person

<https://mercersphilanthropy.co.uk/contact/>

Start Proposal in Cayuse 

Funding Opportunities view in Esploro



Esploro – your path to greater research impact

Creating the Next-Generation Research Repository

A wide range of research assets

Publications

Articles, pre-prints, thesis, dissertations, etc.

Creative Works

Performing art, media installations, drawings, compositions, etc.

Research Data

Datasets, raw data, computations, Software, ELNs, etc.

Activities

Achievements, Awards, Social & Media mention, etc.

Systematic and sustainable data management

Automated curation

Metadata enrichment

Discoverability & accessibility

Linking research assets and metadata

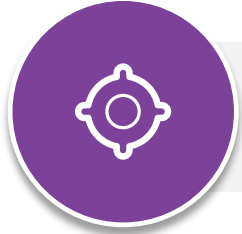
Data safeguarding

Flexible Data Models

Publications	Conferences	Dissertations & Theses	Datasets
Software	Online Resources	Fine Arts	Patents
Courses & Teaching	Grants	Research Proposals	Activities
Impacts	Images	Sound Recordings	...and more

Supporting all disciplines and research types

Getting the Data – a Changed Paradigm



More streamlined author archive/deposit interwoven into work process

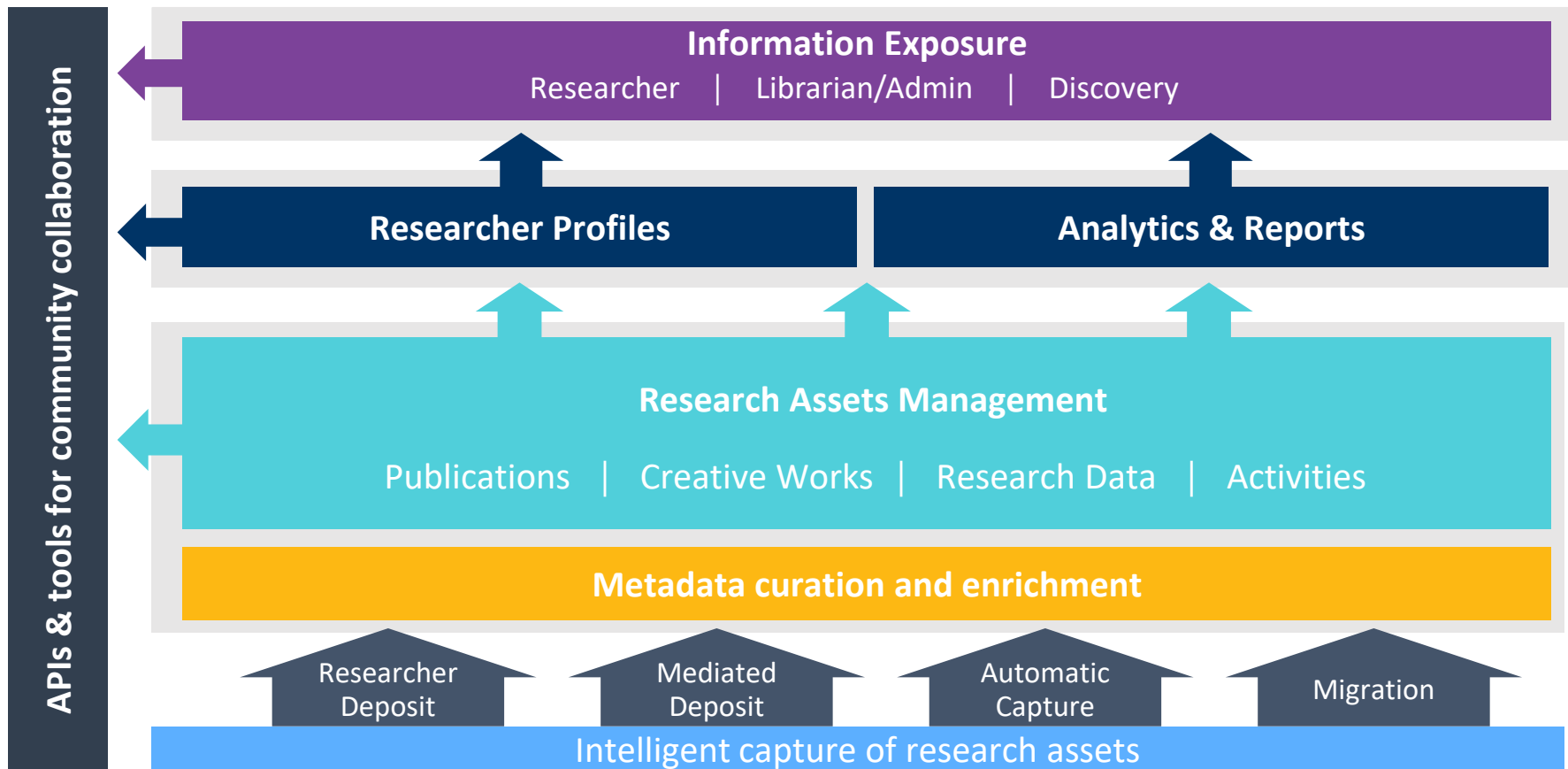
- Simple, embedded and integrated
- Automated metadata (when possible) and notifications
- Review/edit vs. fill-in forms



More comprehensive automatic capture from external sources

- Published content (e.g. indexed by library discovery)
- Disciplinary and specialized repositories
- National repositories

The Framework: Research Services Platform



Research Repository: Moving beyond the Traditional IR

Capturing a comprehensive record of research assets in a unified,
metadata rich, cloud-based repository



Unified & comprehensive



Mediate & unmediated



Quality metadata



Integrated analytics



Workflow-based



Broad dissemination

Guiding Principles for Esploro



We will not change researchers' habits

- Will be seamless to the researchers' flow
- The service will still work even if researchers don't fully engage with the system



We will not create more work for librarians

- Eliminate redundant and manual processes
- Rule-based workflows



We will not be yet another point solution

- Open, interoperable and integrated with other systems
- Intuitive out-of-the-box, yet highly configurable per institution

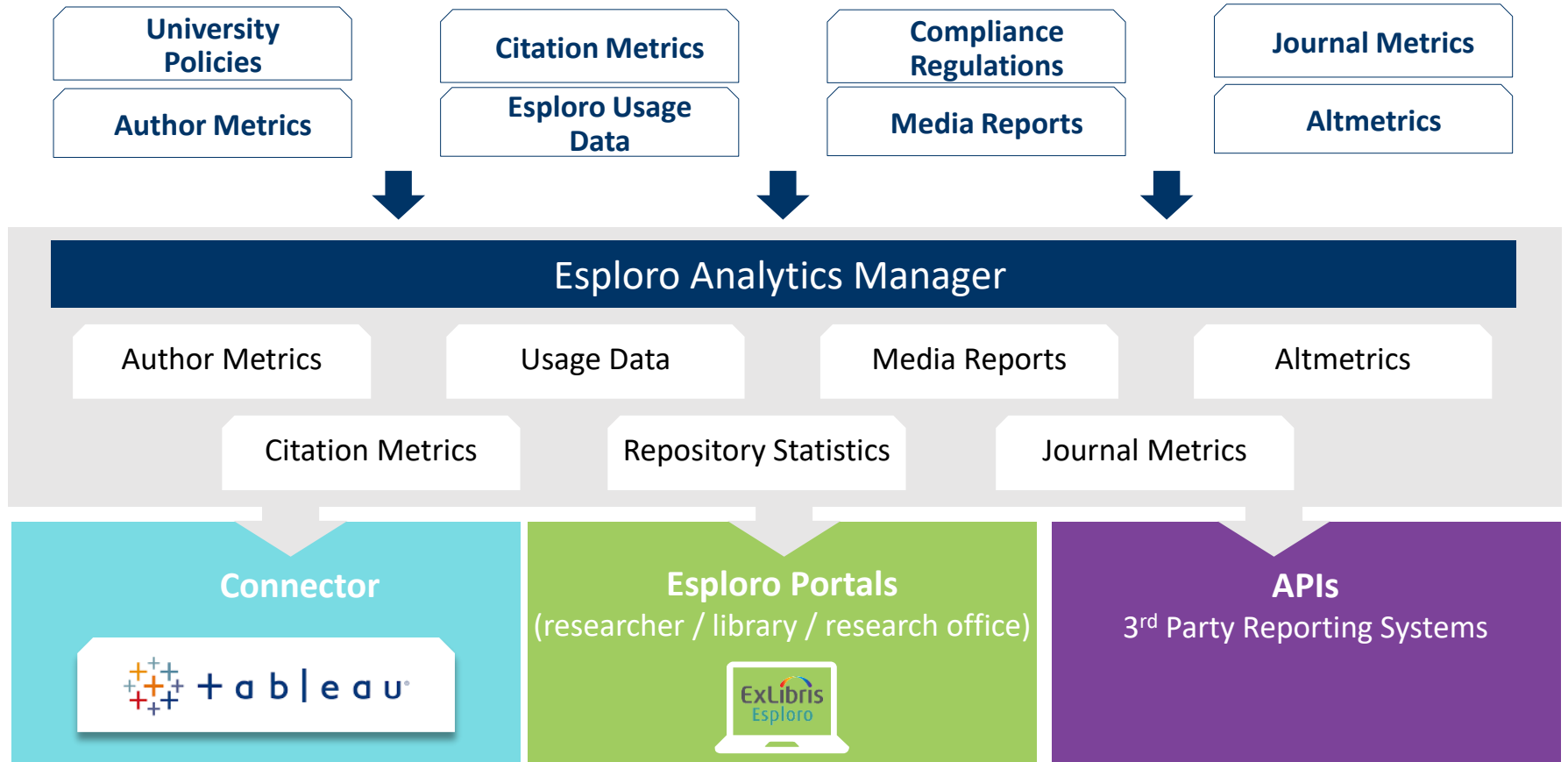
Efficient Management of Article Processing Charges (APC)

- APC workflows – create requests directly in the system
- Interaction with SHERPA/RoMEO to check on journal status
- Track APC status – pre and post compliance checks
- Search for APCs
- Analytics
 - Compare APC costs with subscription costs from Alma
 - APC costs by publisher, journal, department and other parameters
 - APC reports

Intelligent Migration Process

- Migrating data from existing repositories is a complex and delicate task
- Automatic migration to Esploro includes:
 - Out of the box support for multiple systems
 - Automated author matching and deduplication processes based on advanced algorithms
 - Customizable crosswalk for metadata
 - Process tailored to the institutional needs and systems
 - Flexible integration options – OAI-PMH, CSV, APIs
 - Collaborated and guided process managed by Ex Libris Professional Services team

Metrics and Analytics





Core Part of the Ex Libris Research Suite

Comprehensive Research Information Management

Automating research workflows

Increasing visibility and recognition

Matching scholars with funding opportunities

Connecting the dots across the research lifecycle



Esploro

Pivot

Research
Professional

RefWorks

Summon

Primo

Connected to the ecosystem via open APIs

 External repositories

 Research Administration

 Public Profiles

 HR systems

 Current Research Information Systems


Research Funding and Insight


Research Information Workflow

Research Repository

Researcher Profile and Showcasing

Citation Management & Collaboration

Data Intelligence

Integrated Funding Matches for Esploro Researchers

The screenshot shows the ExLibris Esploro interface. At the top left is the ExLibris logo and a search bar. A 'Discover funding' button is highlighted with an orange box, and an orange arrow points from it to a pop-up window. The pop-up window, titled 'Funding opportunities matched for you', lists ten funding opportunities in two columns. The user profile on the left shows 'Inbal Aron, Professor of Psychology of Jerusalem'.

Funding opportunities matched for you		See all opportunities
Linguistics Program National Science Foundation (NSF) Directorate for Social, Behavioral and Economic Sciences (SBE) Division of Behavioral and Cognitive Sciences (BCS)	Typical and Atypical Patterns of Language & Literacy in Dual Language Learners (R21-Clinical Trial Optional) United States Department of Health and Human Services (HHS) National Institutes of Health (NIH)	
Typical and Atypical Patterns of Language & Literacy in Dual Language Learners (R01-Clinical Trial Optional) United States Department of Health and Human Services (HHS) National Institutes of Health (NIH)	Linguistics Program - Doctoral Dissertation Research Improvement Awards (Ling-DDRI) National Science Foundation (NSF) Directorate for Social, Behavioral and Economic Sciences (SBE) Division of Behavioral and Cognitive Sciences (BCS)	
Documenting Endangered Languages (DEL) National Science Foundation (NSF) Directorate for Social, Behavioral and Economic Sciences (SBE)	Fulbright Specialists Program Foundation for Educational Exchange Between Canada and the United States (Fulbright Canada) Canada-U.S. Fulbright Program / Fulbright Canada	
Phillips Fund for Native American Research American Philosophical Society (APS)	MLA Prize for a First Book Modern Language Association of America (MLA)	
James Russell Lowell Prize Modern Language Association of America (MLA)	Adult Literacy Grants Program Dollar General Literacy Foundation	

Direct integration of Pivot/Research Professional funding recommendations within Esploro

Built on the Ex Libris Higher-Ed Cloud Platform

Alma	Primo	Summon	Esploro
Leganto	RefWorks	campusM	Pivot

App Services

UX & Mobile
Framework

Workflow
Engines

Collaboration
Services

Analytics &
Dashboards

Shared
Data & Content

Infrastructure Services

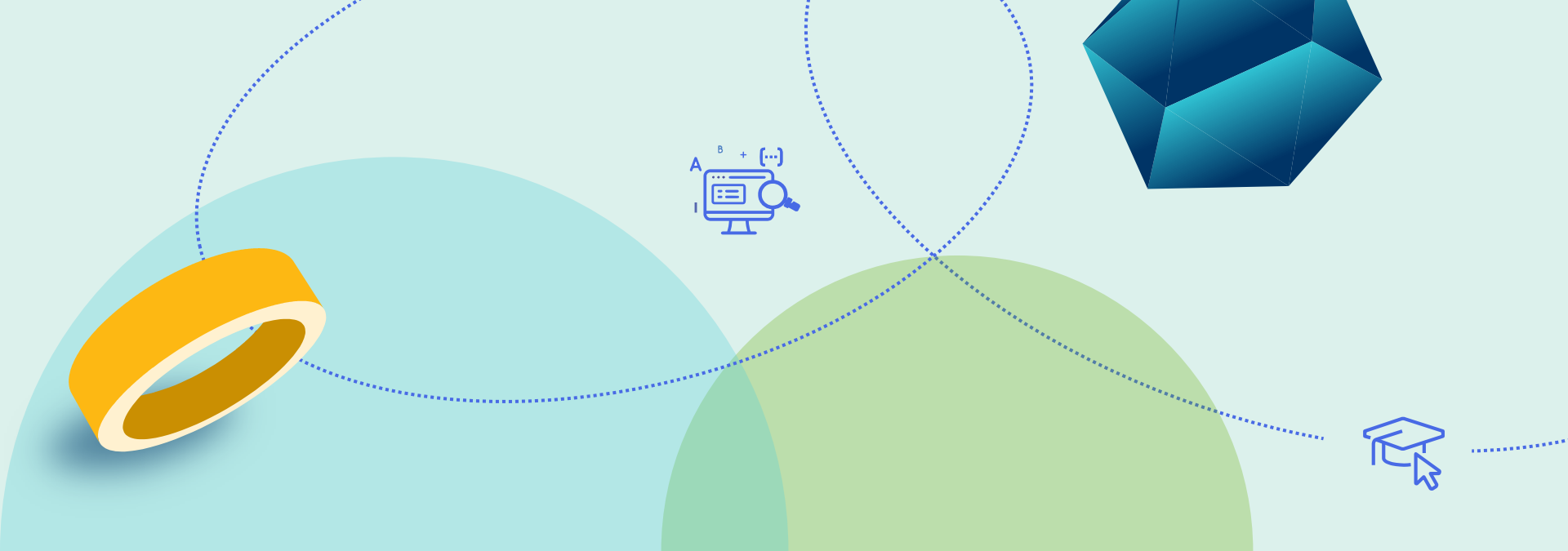
Agile
Releases

Multi-
Tenancy

Open APIs &
Integrations

Metadata &
Data Schemas

Security &
Authentication



Supporting Open Research



Open Data



Research assets

accessible from any platform (e.g. Google/Google Scholar, discovery systems)



Scholarly profiles

can be accessed and displayed by other institutional profile systems



Support for open access publication models

efficient management and analysis of Article Processing Charges (APC)

Open Research Ecosystem



Open APIs

- ✓ Actions
- ✓ Workflows
- ✓ Data



Interoperability with academic systems

- ✓ Discovery
- ✓ Scholarly profiles
- ✓ Research management
- ✓ Data repositories
- ✓ Open publishing systems

Open Scholarly Metrics

Metrics and reports available to 3rd party analysis and reporting systems

Esploro Analytics Manager

Author Metrics

Usage Data

Media Reports

Altmetrics

Citation Metrics

Repository Statistics

Journal Metrics

Connector



Esploro Portals

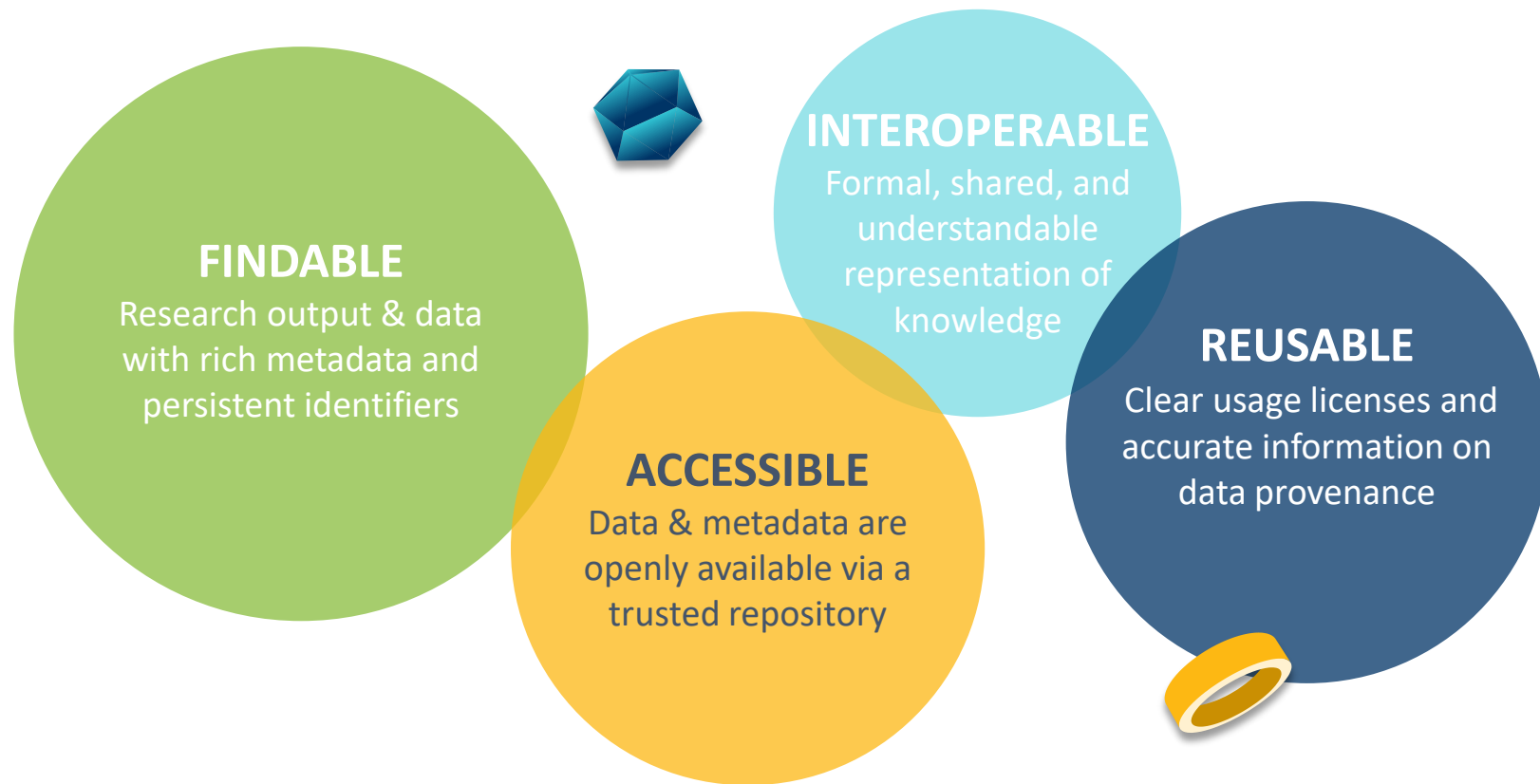
(researcher / library / research office)



APIs

3rd Party Reporting Systems

Open Research Standards – FAIR



Supporting Transition to Plan S

Esploro enables customers to adopt Plan S guidelines with a compliant repository and workflows

- Complying with Plan S requirements for research repositories
 - Supporting OpenDOAR guidelines
 - Using Persistent Identifiers, such as DOIs, for deposited versions of the publications, authors, funders, grants, institutions, and more
 - Enabling rich, autopopulated metadata such as PID, version deposited, OA status, license, funding info
 - Standard interoperable metadata format for import and export
 - Manuscript submission system option – individual or bulk
 - Open APIs to allow access to the content in the repository
 - OpenAIRE compliance of the metadata
 - QA processes to link full-text deposits with authoritative bibliographic metadata
 - Robust global infrastructure for continuous availability
 - 24x7x365 support
- Comprehensive reporting on APC payments and APC management workflows

Community Collaboration



Esploro “Community Zone”

- ✓ Data management plans
- ✓ Metadata tools
- ✓ Best practices
- ✓ KPIs & benchmarks
- ✓ Global profiles



Community collaboration platforms

- ✓ Development network
- ✓ Knowledge Center
- ✓ Idea Exchange

The Esploro Difference

1

Integrated & Unified

Integrated workflows & discovery for research assets

2

More Content

Content is linked and connected, including non-STEM, creative work & data

3

Professional Curation

Including advanced and automatic Metadata enhancements

4

New & Innovative Model

Intelligent capture, automatic metadata population

5

Open & Extensible

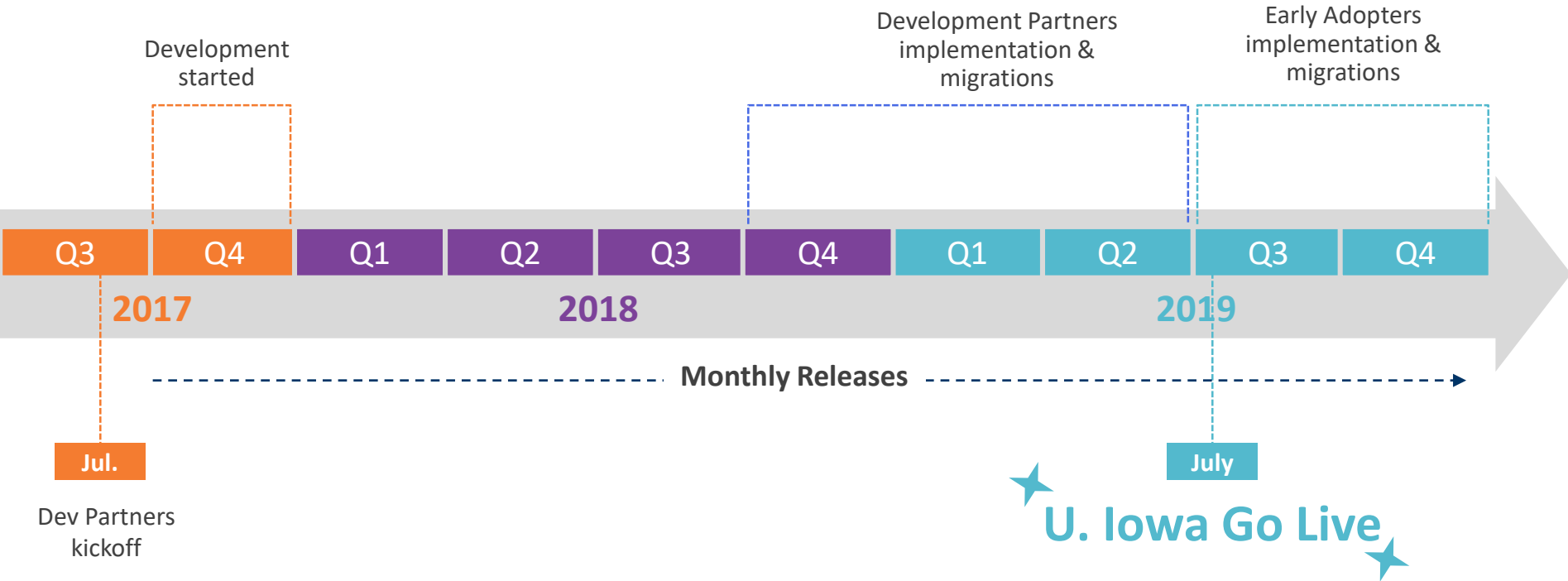
open APIs and easily customizable solutions

6

Integrated Analytics

Cross functions analytics & Metrics

Esploro Timeline





Thank you!

Ghislain.Onestas@exlibrisgroup.com