

The **C** change in CRIS: **C**omprehensive Research Information Systems

Expanding the boundaries of CRIS to create a single source of truth for all scholarly information and activities

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Symplectic is part of Digital Science

Digital Science is home to many well-known research tools...

We believe in better, open, collaborative and inclusive research.

Digital Science invests in, supports and nurtures innovative software teams that each support the research lifecycle.

Rooted in research, most teams have an academic research background and developed a product to help solve a self-encountered problem.



Dimensions

With Dimensions, you can search across multiple content types, ranging from publications to grants, clinical trials, patents, datasets and policy documents.



Altmetric

Altmetric tracks a range of sources to help you to monitor and report on the attention surrounding your work.



figshare

Figshare is a repository where users can make all of their research outputs available in a citable, shareable and discoverable manner.



ReadCube Papers

Our award-winning suite of web, desktop, and mobile apps will dramatically improve the way you discover, organize, read, annotate, share and cite.



Symplectic

Symplectic's flagship product, Elements, empowers organisations to collect, analyse, showcase & report on all of their scholarly activities.



Overleaf

Overleaf is an online LaTeX and Rich Text collaborative writing and publishing tool that makes the whole process of writing, editing and publishing scientific documents much quicker and easier.



Scismic

Scismic Job Seeker helps you get the career you deserve. The skills-based job matching platform for scientists by scientists.



IFI CLAIMS Patent Services

IFI CLAIMS Patent Services

IFI CLAIMS Patent Services is a leading supplier of patent data for resellers and innovators in the research and healthcare sectors.



ripeta

Ripeta aims to make better science easier by identifying and highlighting the important parts of research that should be transparently presented in a manuscript and other materials.

Topics

- **C**urrent vs **C**omprehensive
- Ways CRIS are currently expanding
- The future of RIMS
- How can Symplectic Elements help?

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Which of the following do you use your current CRIS for?

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Are you taking advantage
of the data you already
collect?

Show of hands:

Which of the following do you use
your current CRIS for?

- **Showcasing resources
beyond individual researchers?**
- **Non traditional collaborations?**
- **Grant management?**
- **Demonstrating Impact and
Achievements?**
- **Activities and Projects?**
- **None of the above?**

The difference between **C**urrent and **C**omprehensive Research Information Systems

- **Current** Research Information Systems (CRIS), provide a centralised platform for managing and tracking research activities within an institution or across multiple institutions.
- CRIS currently play a critical but supporting role in research management. They aid in:
 - Enhancing visibility and impact
 - Improving efficiency
 - Fostering collaboration
- **Comprehensive** systems expand on how data you already have can be reused - they will have an increasing impact in the research environment.
- Comprehensive systems embrace the transformation of research with:
 - **Discovery** beyond individual researchers
 - Integration into **Awards Management**
 - Capturing and showcasing **Impact**
 - and beyond...

Integrating these functionalities into a single, cohesive platform, seamless end-to-end research management that enhances efficiency, transparency, collaboration, and innovation in the research process

Ways the boundaries of CRIS are currently expanding

Complete public **profiles** going beyond individual researchers

- **Optimise Resource Allocation** - find and leverage relevant experts, departments, equipment, patents, and IP for specific projects or initiatives
- **Collaboration Networks** - interactive visualisations encourage easy exploration of relationships across your institution.
- **Tech Transfer:** Foster partnerships between academic institutions and industry to leverage each other's strengths and resources, ultimately contributing to the advancement of knowledge and innovation.
- **Showcasing Expertise:** Use Narrative CVs to reflect the full range of relevant skills and experiences

Ways the boundaries of CRIS are currently expanding

All pre and post
award management
in one comprehensive package

- **Support funding growth** - ensure process integrity, and provide insights into funding successes.
- **Centralised funding management** - offer a comprehensive view of the research lifecycle, with end-to-end funded research management.
- **Grant accountability** - using the system to improve the efficiency, transparency, and accountability of grant processes, benefiting both administrators and researchers.

Ways the boundaries of
CRIS are currently
expanding

Demonstrate **impact** and gain
actionable insights

- **Streamline internal reviews and exercises** - inform compliance and simplify assessment exercise submission strategies.
- **Benchmark research performance** - compare against peers regionally, nationally, or internationally, helping identify areas of strength and weakness and informing strategic planning and resource allocation.
- **Showcasing Impact:** Identify, demonstrate evidence, and assess research impact. This information can inform future research directions, funding decisions and support decision making.

The future for Research Information Management Systems





Transformation in Research is not just about digital systems, but it is also about people and organisations

- Cross boundaries between research and industry
- Create new narratives
- Adapt to the possibilities that change brings

Structure and connect scholarly information throughout the research lifecycle in order to:

- Reduce administrative burden
- Derive powerful new insights
- Showcase the real-world impact of your research

Adopt a solution that goes beyond traditional RIMS and leverage the data you already have in new ways – all within one easily-navigable, single source of truth.

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What do you see as the future direction for CRIS?

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Discussion:

**Where do you see comprehensive
RIMS expanding to?**

How Symplectic **Elements** can help



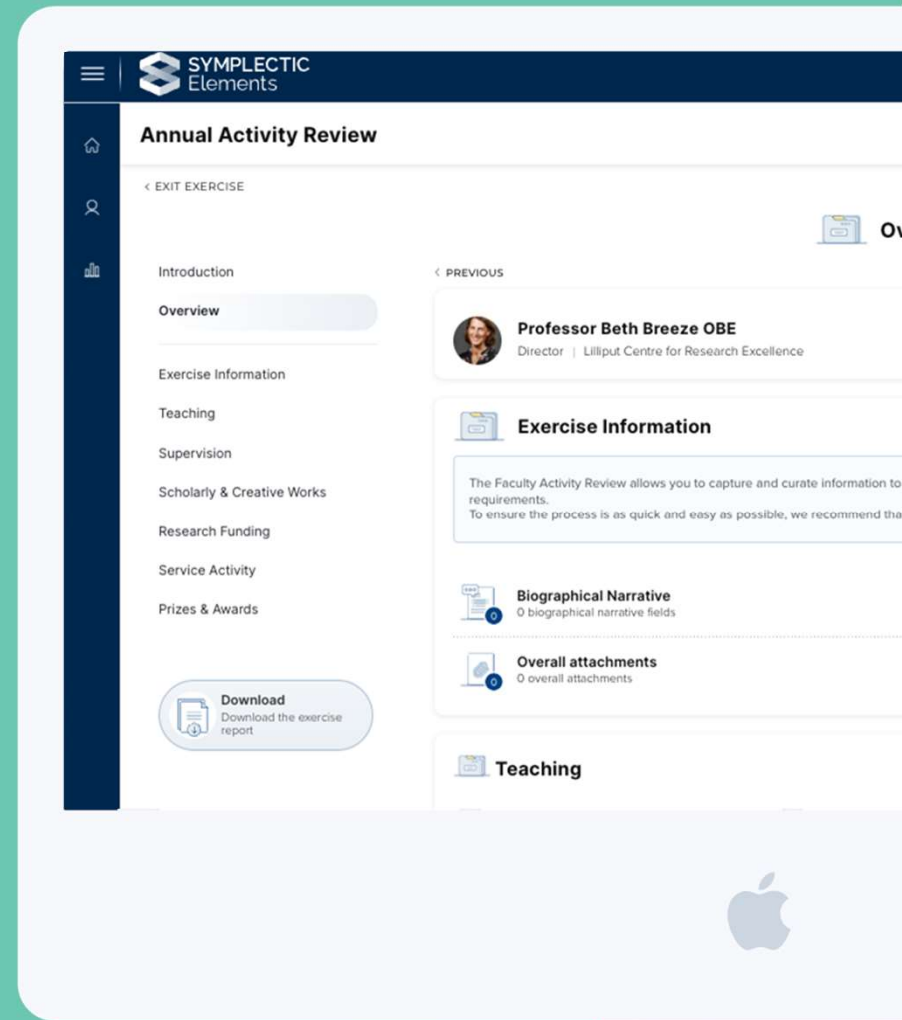
Symplectic Elements

Powering the research ecosystem

Elements is ‘researcher/faculty-focused’, meaning we carefully consider the needs of researchers throughout our design and development process.

Our intuitive, modern UX design and focus on data-reuse and automation ensures that tasks can be completed quickly and easily, so that researchers/faculty can spend more of their time doing research.

Elements is highly configurable and can be aligned with the ways your researchers/faculty think and speak about their research, so they can easily understand how their work fits into the system.



Case Studies

“Researcher profiles and end-to-end research funded project management all now take place in the one interface, which has huge benefits to our researchers.”

Liam Cleere, Senior Manager Research Administration,
University College Dublin

“Elements elegantly connected our multi-university system providing a single source of truth throughout OIEx”

Tim Cain, The Ohio Innovation Exchange (OIEX)

Example: custom dashboard showing collaboration network

Example: custom dashboard focusing on individual researcher showing collaboration, funding, publication and citation trends.

Example: Publication Metrics Dashboard

“Applying the Sustainable Development Goal framework to Elements facilitates both internal and external collaboration across education, research, and practice, advancing collective efforts to achieve this ambitious global agenda.”

Executive Fellow for Sustainability Initiatives, Carnegie Mellon University Libraries

Discussion and Questions



Get in touch @
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