Consortia Advancing Standards in Research Administration Information (CASRAI)

Research Areas

- **Tool Development**
  - Standard
- **Data-Sharing Enabler**

At a Glance

- **Status**: Active Consortium
- **Year Launched**: 2006
- **Initiating Organization**: CASRAI
- **Initiator Type**: Nonprofit foundation
- **Location**: International

Abstract

The Consortia Advancing Standards in Research Administration Information (CASRAI) is dedicated to reducing the administrative burden on researchers and improving business intelligence capacity of research institutions and funders.

Mission

The Consortia Advancing Standards in Research Administration Information (CASRAI) aim is to improve the flow of information within and between research stakeholders by developing and maintaining a common and extensible dictionary of terms and exchangeable business objects to advance collaboration. The members include research-performing and research-funding organizations, as well as the service providers that support them. CASRAI’s goal is to create a central and standardized method for research teams to quickly produce any documents needed by funders and institutions.

Structure & Governance
Working from a Project Charter, the purpose of a CASRAI Subject Matter Expert Working Group (SME-WG) is to oversee successive and scheduled iterations of an identified component of the CASRAI Standard Dictionary. The roles of this working group are to:

- include any established best practices and implement models in early reference drafts
- identify and/or confirm the information that needs to be included and specify the meaning and structure of that information
- determine and follow a suitable time-table for project work
- report progress to the wider stakeholder community
- perform outreach to disseminate the WG outputs and encourage participation and review

The Research Impact Working Group (RI-WG) is charged with developing and maintaining a prioritized set of harmonized research impact data profiles intended to reduce researcher burden when reporting on impacts to multiple stakeholders.

Members of RI-WG include David Baker (chair), CASRAI; Josee Aubin, Fonds de recherche du Quebec; Caroline Auclair-Daigle, University of British Columbia; Barb Brownlee, Ontario Ministry of Research and Innovation; Ambrosio Catalla, Manitoba Health Research Council; Robert Chatwin, Nova Scotia Health Research Foundation; Leslie Copp, University of Waterloo; Andrea England, York University; David Harris, University of Saskatchewan; Karina McInnis, Queen’s University; Mary Lou McLean, Carleton University; Kristina Ohrvall, McGill University; Virginie Portes, University of Montreal; Dennis Rank, Dennis Rank and Associates; Izabela Szelesest, University of Saskatchewan; and Janet Halliwell, CASRAI Board.

The Organisational Identifier Working Group (ORGID-WG) is led by stakeholder organizations in the United Kingdom (UK) and is charged with advancing agreement on open standards for uniquely identifying all organizations involved in research.

The Organisational Identifiers Working Group aims to explore ways to establish a universal identifier for research organizations, to simplify the administrative burdens by these organizations and their research funders.

The Data Management Plan Working Group (DMP-WG) is led by stakeholder organizations in the UK to develop and maintain a number of standard data profiles to facilitate information exchange between institutions and between institutions and funders. The DMP-WG’s initial scope was based on the Data
Management Plans tool supplied by the Digital Curation Centre (DCC). Future work will build on this progress and develop expanded data profiles aimed to reflect institutional best practices/constraints and to help inform DMP policy at research funders.

Project CRediT (Contributor Roles Taxonomy) is led by The Wellcome Trust and Digital Science and is developing and maintaining recommendations for a science-oriented contributor role taxonomy and its implementation.

The Peer Review Services Working Group (PRS-WG) is led by ORCID and F1000 to develop and maintain a standard data profile for exchanging instances of peer review service contributed by researchers. The PRS-WG will review options for acknowledging peer review service activities and developing recommendations for policies and business rules.

Points of Contact

info@casrai.org

Sponsors & Partners

Sustaining

The following organizations actively support the CASRAI mandate and make financial, leadership, and subject matter expert contributions to the standards and to CASRAI operations.

Institutions

- University of Alberta (CA)
- University of British Columbia (CA)
- Carleton University (CA)
- Concordia University (CA)
- Denison University (US)
- University of Guelph (CA)
• McGill University (CA)
• University of Montreal (CA)
• National Library of Sweden (SE)
• OCAD University (CA)
• University of Prince Edward Island (CA)
• Queen’s University (CA)
• University of Saskatchewan (CA)
• University of Toronto (CA)
• University of Waterloo (CA)
• York University (CA)

Funding Organizations

• Alberta Innovates Health Solutions (CA)
• Canada Foundation for Innovation (CA)
• Fonds de recherche du Quebec (CA)
• Foundation for Science and Technology (PT)
• Research Manitoba (CA)
• Natural Sciences and Engineering Research Council of Canada (CA)
• Nova Scotia Health Research Foundation (CA)
• New Brunswick Health Research Foundation (CA)
• Ontario Ministry of Research and Innovation (CA)
• Saskatchewan Health Research Foundation (CA)
• Social Sciences and Humanities Research Council of Canada (CA)
• The Swedish Research Council (SE)
• Wellcome Trust (UK)
• Jisc (UK)

Suppliers

• Digital Science (UK)
• Elsevier Inc. (DK)
• eVision Inc (CA)
• F1000 Research Ltd. (UK)
• ForTheResearch Consulting Services (CA)
• MindShare Inc (CA)
• Process Pathways Inc (CA)
• Smartsimple Inc (CA)
Sponsors

- Standford IT (SE)
- Symplectic Inc (UK)
- Thomson Reuters (US)
- UberResearch Inc. (US)

Partnersing

The following organizations share an interest in the CASRAI mandate and actively collaborate in the standards-setting process.

- Association of Commonwealth Universities (UK)
- Canadian Association of Research Libraries (CA)
- Canadian Association of University Research Administrators (CA)
- Confederation of Open Access Repositories (DE)
- euroCRIS (NL)
- National Information Standards Organization (US)
- ORCID (US)
- Research Data Alliance (US)
- SRI International (US)
- VIVO (US)

Participating

The following organizations provide subject matter expertise to the standards-setting process.

Canada

- University of Victoria (CA)
- University of Ottawa (CA)
- University of Calgary (CA)
- Dennis Rank and Associates (CA)

UK

- BioMed Central (UK)
- Bournemouth University (UK)
- British Library (UK)
- Cambridge University Press (UK)
- Centre for Internet Technologies (UK)
- Clax Ltd (UK)
- Cranfield School of Management (UK)
- CrossRef (UK)
- Department for Employment and Learning (UK)
- Engineering and Physical Sciences Research Council (UK)
- GigaScience (UK)
- Higher Education Funding Council for England (UK)
- Higher Education Statistics Agency (UK)
- The UK’s Research and Education Network (UK)
- King’s College (UK)
- Medical Research Council (UK)
- Mimas (UK)
- Moore Answers Ltd. (UK)
- Natural Environment Research Council (UK)
- Nature Publishing Group (UK)
- Research Consulting (UK)
- Research Information Network (UK)
- Research Libraries United Kingdom (UK)
- Research Research Limited (UK)
- Scmoller.net (UK)
- Sussex University (UK)
- The Economic and Social Research Council (UK)
- Universities and Colleges Information Systems Association (UK)
- University College London (UK)
- University of Bath (UK)
- University of Edinburgh (UK)
- University of Essex (UK)
- University of Exeter (UK)
- University of Glasgow (UK)
- University of Kent (UK)
- University of Manchester (UK)
- University of Oxford (UK)
- University of Southampton (UK)
- University of St Andrews (UK)
Europe

- International Council for Scientific and Technical Information (FR)
- The Committee on Data for Science and Technology (FR)
- Evora University (PT)
- Porto University (PT)
- Universitat de Valencia (ES)
- Karolinska Institute (SE)

United States

- American Chemical Society (US)
- American College of Physicians (US)
- American Geophysical Union (US)
- American Institutes for Research (US)
- American Physical Society (US)
- American Psychological Association (US)
- Aries Systems Corp (US)
- Autism Speaks (US)
- Columbia University (US)
- Cornell University (US)
- Environmental Protection Agency (US)
- Food and Drug Administration (US)
- Hypothes.is (US)
- Leidos (US)
- Medical University of South Carolina (US)
- MIT Libraries (US)
- National Institutes of Health (US)
- National Science Foundation (US)
- OCLC Research (US)
- Office of Scientific and Technical Information (US)
- Oregon Health & Science University (US)
- Origin Editorial (US)
- PeerJ (US)
- PLOS (US)
- Rubriq (US)
- Science/AAAS (US)
- ScienceOpen Inc. (US)
- SHARE (US)
- Sideview (US)
- Smithsonian Institution (US)
- Smithsonian Libraries (US)
- The Winnower (US)
- Twin Arch Technologies (US)
- University of California, San Francisco (US)
- USDA/NAL (US)
- Washington University (US)
- Wiley (US)

Other

- Ministry of Business Innovation & Employment (NZ)
- The University of Hong Kong (HK)

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