

# **Sprott Research Database and Software Resources 2024-2025**

Last Updated: August 2024



**Sprott**  
School of Business  
Carleton University

Included in this package is an overview of database and software resources available to you through Sprott and/or Carleton University to help assist you with some of your research needs. We would like to take this opportunity to introduce you to the Sprott Research Office.

Please feel free to connect with us if you have any questions.



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## Contents

<b>Global Mail Subscription .....</b>	<b>4</b>
<b>Carleton Library Open Access .....</b>	<b>5</b>
<b>Wiley Agreement *ENDS DECEMBER 2024.....</b>	<b>5</b>
<b>Canadian Science Publishing (CSP) Agreement.....</b>	<b>5</b>
<b>Digital Research Alliance of Canada.....</b>	<b>6</b>
<b>Research Participant Pool (SONA) 2024-2025.....</b>	<b>7</b>
<b>Research Computing Services (RCS).....</b>	<b>8</b>
<b>Software Packages .....</b>	<b>9</b>
<b>Databases .....</b>	<b>10</b>
<b>Research Resources .....</b>	<b>14</b>

## Global Mail Subscription

**\*\*NEW\*\***

Sprott has been given one year free of the Global Mail Subscription. To access please see below.

### Getting Started

Access your complimentary digital subscription in three easy steps:

1. Click on activation link below
2. Set up your account using your school email address (cunet or cmail)
3. Check you email for the verification link

After you verify your email, you will have full access to all of the digital content and tools that the Globe offers. Just log in and start reading

### Activation links

Student: <https://subscribe.theglobeandmail.com/#/gef/user/register/edurichterstu24>

Staff/Faculty: <https://subscribe.theglobeandmail.com/#/EDURICHTERFAC24>

## **Carleton Library Open Access**

### **Carleton signs open access publishing agreements with Wiley and Canadian Science Publishing**

Through our membership in the Canadian Research Knowledge Network (CRKN), the Carleton Library has recently signed transformative agreements with Wiley and Canadian Science Publishing (CSP).

### **Wiley Agreement \*ENDS DECEMBER 2024**

The two-year agreement with Wiley enables Carleton corresponding authors to publish eligible articles in [Wiley's hybrid \(subscription\) journals](#) under an open license without incurring Article Processing Charges (APCs). Articles accepted for publication in [Wiley's Gold OA journals](#) are not covered under this agreement. Authors must use their Carleton email address for their affiliation to be recognized. The agreement also includes full reading rights to all Wiley journals. For more information, please see [Wiley's website](#).

### **Canadian Science Publishing (CSP) Agreement**

The three-year agreement with CSP offers Carleton corresponding authors unlimited open access publishing in five CSP journals, at no charge: Biochemistry and Cell Biology, Canadian Journal of Physics, Canadian Journal of Physiology and Pharmacology, Genome, and Transactions of the Canadian Society for Mechanical Engineering. Carleton authors also receive a 25% discount on Article Processing Charges (APCs) in CSP hybrid journals. The APC discount is applied upon submission of the manuscript. Authors must identify their institutional affiliation to qualify for the discount. For more information, please visit the [CSP website](#).

Transformative agreements make it easier for Carleton researchers to publish in open access journals by incorporating the cost of APCs into the subscription fees traditionally paid by libraries to provide access to paywalled content. Publishing in open access enhances the visibility and impact of research and contributes to a more equitable and sustainable scholarly publishing ecosystem.

[Read more about Article Processing Charge \(APC\) discounts and no-charge open access publishing options for Carleton authors.](#)

## **Digital Research Alliance of Canada**

### **Formally Compute Canada**

#### **About**

The Alliance is a non-profit organization funded by the Government of Canada. Its objective is to advance Canada's position as a leader in the knowledge economy on the global stage by building and sustaining a strong digital research infrastructure ecosystem. This ecosystem integrates and funds advanced research computing, research data management, and research software, providing researchers with faster access to tools and services. The Alliance aims to transform how research is organized, managed, stored, and used across all academic disciplines, working with various partners and stakeholders to support research excellence, innovation, and advancement in Canada.

#### **Services**

The primary goal of the Digital Research Alliance of Canada is to bolster Canada's standing as a leader in the global knowledge economy. To achieve this, they support Canadian researchers by integrating, championing, and funding the necessary infrastructure and activities in advanced research computing (ARC), research data management (RDM), and research software (RS). Through these efforts, the Alliance offers a platform that allows the research community to access tools and services with greater speed and efficiency than ever before. To learn more about the specific services provided, please refer to the links below.

- [Advanced research computing](#)
- [Research data management](#)
- [Research software](#)

#### **Funding Opportunities**

Funding opportunities can be found on the Digital Research Alliance of Canada [website](#).

## Research Participant Pool (SONA) 2024-2025

If students or young persons are a suitable sample group for your research, the Spratt Participant Pool is for you. It primarily consists of 2nd-year students enrolled in BUSI 2208 or BUSI 2204 courses. While these courses focus on marketing, they are part of the 'core' curriculum, attracting students from various disciplines. This diversity provides a rich and representative sample group for your research. With over 300 eager students ready to contribute, you have the unique opportunity to gather data through surveys, focus groups, or interviews to support your research objectives.

For more information, please reach out to the Administrator of the Spratt participant pool at [behaviourlab@spratt.carleton.ca](mailto:behaviourlab@spratt.carleton.ca).

For those of you who are not familiar with the participant pool, read on for some background information:

- Spratt established a participant pool several years ago to facilitate data collection by faculty and research graduate students.
- Students enrolled in BUSI 2208 (Introduction to Marketing) and BUSI 2204 (Basic Marketing) are given the opportunity to earn up to 2% in bonus marks for participating in your research. The 'rate' at which we calculate bonus marks is 0.5% for each 30 minutes of participation (so if your survey takes under 30 minutes to complete, students will receive 0.5 bonus marks).
- The system we use to track student participation is called SONA, so you may hear people referring to "the SONA system" when they really mean "the research participant pool".
- To use the system, you do need to complete the consent form designed for SONA. You can find this among the forms and templates on the Research Ethics website.
- In the past, the system has been used to recruit participants for in-lab & online interactive/non-interactive studies. You can use it to schedule experiments and/or interviews as well as link to your survey. Surveys can be hosted in SONA, or you can integrate your Qualtrics survey into the SONA system as well.
- There is a second participant pool at Carleton - one run by the Psychology department. Students are sometimes confused by this.
- At the beginning of the term, typically after the course add/drop date, all students registered in eligible courses will receive an email containing their SONA user ID and password.

SONA is currently scheduled to be open from the course add/drop date for the Fall 2024 term, until December 08, 2024. At that point, the bonus marks will be calculated and sent to the respective professors to be included in students' final grades.

The system will start up again for the Winter 2025 term after the course add/drop date has passed for undergraduate students, following the same process as above.

For those of you supervising graduate students or sitting on grad student committees, please ensure that your students are aware of this opportunity.

For more information about SONA, please refer to [HERE](#).

## Research Computing Services (RCS)

Research Computing Services (RCS) mission is to provide researchers with the support, expertise and resources necessary to conduct research computing at Carleton.

RCS personnel will support and assist researchers in using Advanced Research Computing (ARC) and High-Performance resources available on- and off-campus. This support includes tutorials, training, workshops as well as assistance with porting and optimizing existing code.

### Services offered include:

- Provide a **single point of contact** for research-related requests to ITS.
- Access to cloud computing resources the [Research Computing and Development Cloud \(RCDC\)](#). The RCDC can be used by researchers for their research computing needs as well as to develop new code and applications.
- Offer access to the [RCS ShareFile](#) filesharing platform (Citrix for research data).
- Custom, purpose-built research software created by the [RCS Research Software Development team](#).
- Access to open and commercial software packages including: IBM SPSS Statistics, MathWorks' Matlab, Stata/SE, NVivo, Qualtrics, etc. (full list [HERE](#)).
- Support the joint **Data Science program**. Participate in the design, measurement, collection, sampling and statistical analysis of research data and results.
- Offer tutoring, training, workshops and support scientific researchers, staff and students regarding HPC and **Advanced Research Computing (ARC) resources**.
- Assist researchers with the **porting, optimization and running** of code or applications.
- **Consult** and **interact** with faculty and their research groups to enable them to fully utilize the ARC resources for their scientific research.
- Help faculty with **grant proposals** by contributing sections of the proposal that describe the interplay between their research and ARC resources.
- Assess and develop **research tools** including: collaborative data analysis, computational performance, data storage, and research collaboration.
- Work strategically and collaboratively with all information technology areas involved in successful research support and with research and technology leaders at schools and departments throughout the University.



## Software Packages

Software Packages Available	Brief Overview	Link to download	Available for use by
<b>Maple</b>	Maple is math software that combines the world's most powerful math engine with an interface that makes it extremely easy to analyze, explore, visualize, and solve mathematical problems. With Maple, you aren't forced to choose between mathematical power and usability, making it the ideal tool for both education and research.	<a href="#">Maple Request Form</a>	Students, Faculty, Staff
<b>NVivo</b>	NVivo software that can help you to organize, manage, and make sense of qualitative data such as field notes, interviews, videos, social media, and much more. It won't do the intellectual work of deciding what your data means, but it can help you to identify themes, see patterns, that may make it easier for you to discover those meanings	<a href="#">NVivo License Request</a>	Students, Faculty, Staff
<b>NVivo Transcription</b>	NVivo Transcription is an advanced speech recognition technology that provides precise, automated transcripts in a snap. Students, Faculty and Staff can now access this new service at no cost.	<a href="#">NVivo Transcription Request Form</a>	Students, Faculty, Staff
<b>MS Office Project Online</b>	Stay organized, focused, and in charge. Tackle anything from small projects to large initiatives. You may or may not be a project manager, but now you can be the boss of any project with a powerful, easy-to-use app.	<a href="#">MS Office Project Online</a>	Faculty, Staff
<b>Qualtrics Online Survey</b>	Get answers to your most important market, brand, customer, and product questions with survey software that can handle everything from simple questionnaires to detailed research projects for the world's biggest brands. Design your survey with our intuitive drag-and-drop survey tool, powerful logic, 100+ question types, and pre-built survey templates.	<a href="#">Qualtrics Request Form</a>	Students, Faculty, Staff

Full list of available site license's through Carleton University can be found [here](#).

## Databases

Databases Available	Brief Overview	Link	Available for use by
<b>Bloomberg Professional</b>	One of the world's best-known financial information resources. Includes financial information on individual equities, stock market indices, commodities, currencies and futures. Bloomberg also includes company profiles, financial statements, analysts' forecasts, news, industry analysis and more for both international and domestic markets.	Accessed <b>in person</b> Computer Lab on first floor of MacOrdrum Library Room 103. Two Terminals in Nicol Building. Booking found <a href="#">here</a> . More info found <a href="#">here</a>	Students, Faculty, Staff
<b>Business Employee Analytical Microdata</b>	BEAM or the Business Employee Analytical Microdata. Matched employee/firm data derived from T4, T2 and immigration administrative data. Longitudinal from 2001-2019	<a href="#">BEAM Resource</a>	Students, Faculty, Staff
<b>Business Research Microdata</b>	Contains firm-level variables derived from a variety of sources, such as the business register, T2 filings, and T4 filings. Also includes import and export data	<a href="#">BRM Resource 1</a> <a href="#">BRM Resource 2</a>	Students, Faculty, Staff
<b>Business Source Complete</b>	Business Source Complete is a scholarly business database. It provides full-text access as well as indexing and abstracting for scholarly journals, magazines, and trade publications. The database also has resources that can be used in professional projects that include research on industries, markets, companies and economies	<a href="#">BSC Resource</a> <a href="#">Business Source Complete for Business Research (video)</a> <a href="#">Business Source Complete for Scholarly Articles (video)</a>	Students, Faculty, Staff
<b>Compustat</b>	Compustat is a finance research data source that can be used for research or instruction. This database also provides historical, fundamental and market data for both active and inactive companies to facilitate historical research and analysis. The data comes standardized permitting easy comparisons for all data whether it be company, industry or business cycle analysis. The WRDS platform allows for easy download of large datasets.	<a href="#">Compustat Link</a> <a href="#">Accessing financial data in Compustat through WRDS (video)</a> <a href="#">Screening companies in Compustat through WRDS (video)</a>	Students, Faculty, Staff
<b>Conference Board of Canada e-Library</b>	This resource can be used for course projects focused on Canadian market and industry research, through the provided reports that cover Canadian economics on the country, provincial and municipal level. Reports include coverage of specific industries, labour issues and many other factors that affect the Canadian economy.	<a href="#">E-Library link</a> <a href="#">Finding Canadian Economic and Industry Information on the Conference Board of Canada (video)</a>	Students, Faculty, Staff

Databases Available	Brief Overview	Link	Available for use by
Covidence	Covidence is a web-based software platform that streamlines the production of evidence theses including systematic and scoping reviews. It supports citation screening, full- text review, risk of bias assessment, extraction of study characteristics and outcomes, and the export of data and references	<a href="#">Covidence Link</a>	Students, Faculty, Staff
CPA Canada Standards and Guidance Collection	A complete electronic collection of the Chartered Professional Accountants (CPA) of Canada's official pronouncements. This comprehensive reference source provides up-to-date information on the accounting and assurance standards, the implementation of IFRS, Accounting Standards for Private Enterprises, the Canadian Auditing Standards, and much more.	<a href="#">CPA Database Link</a>	Students, Faculty, Staff
Cross-National Time-Series (CNTS) Data	CNTS contains annual data from many countries around the world, starting from 1815 to present. It contains an extensive list of demographic, social, political, and economic variables which can be analyzed and contrasted. The files are downloadable and data is provided in Excel format.	<a href="#">Cross-National Time-Series (CNTS) Data</a>	Students, Faculty, Staff
CRSP	This finance research data source available through WRDS that can be used for research or instruction. The CRSP US Stock Databases contain daily and monthly market and corporate action data for securities with primary listings on the NYSE, NYSE Amex, NASDAQ, and Arca exchanges and include CRSP broad market indexes.	<a href="#">CRSP Database</a>	Students, Faculty, Staff
CU-RDC	The Carleton University Research Data Centre (CU-RDC) provides secure access to confidential Statistics Canada microdata and number of administrative databanks.	Located in room <b>ML121</b> , on the first floor of the MacOdrum Library For more info click <a href="#">HERE</a>	

Databases Available	Brief Overview	Link	Available for use by
<b>Datastream and Worldscope via WRDS</b>	<p>Refinitiv, a London Stock Exchange Group (LSEG) business, provides information, insights, and technology that enable customers to execute investing, trading and risk decisions. Datastream contains decades of data on global equities, economic series, commodities and futures. Worldscope contains detailed financial statement data and profile data on public companies globally. Using primary source documents and new clippings, Worldscope data analysts extract the data to global templates that are specific to industry groups. Carleton has access to the following:</p> <p>Thomson Reuters-Worldscope  Datastream Commodities Data  Datastream Economics Data  Datastream Equities Data  Datastream Futures</p>	<a href="#">Datastream and Worldscope</a>	Students, Faculty, Staff
<b>Gartner Research Campus Access</b>	<p>This resource provides reports on the application of technology and its impact on markets. Gartner is an IT focused resource that provides in-depth analysis on all aspects of technology and telecommunications, including hardware, software/ systems, services, IT management, market data, forecasts, and vertical industry issues.</p>	<a href="#">Gartner Research Link</a>	Students, Faculty, Staff
<b>Mergent Online</b>	<p>Mergent Online provides financial and other information on publicly traded companies. Coverage includes but is not limited to company history, subsidiaries, debt, capital stock, the income statement and the balance sheet. Broad industry reports are also available.</p>	<a href="#">Mergent Online</a>	Students, Faculty, Staff
<b>Nexis Uni</b>	<p>Provides news and business sources like corporate filings and market reports.</p>	<a href="#">Nexis Uni Link</a>	Students, Faculty, Staff
<b>Overleaf LaTeX Editor</b>	<p>Faculty researchers can now request access to Overleaf, a collaborative online LaTeX editor used for writing, editing and publishing scientific and academic documents. Research Computing Services (RCS) has acquired 200 licenses for research purposes. See details and request a license by visiting the Overleaf request page.</p>	<a href="#">Overleaf LaTeX Info</a>	Faculty
<b>Passport</b>	<p>A consumer goods and services market database that provides international information and data on industry, economics, consumer trends. Can be used for classroom projects conducting professional stylereasearch.</p>	<a href="#">Passport Link</a>  <a href="#">Finding Information Related to Industry and Macroenvironmental Factors using Passport (video)</a>	Students, Faculty, Staff

Databases Available	Brief Overview	Link	Available for use by
<b>Research Methods</b>	Provides research methodology resources for research projects. A useful resource for graduate students. Supports beginning and advanced researchers throughout a research project, from writing a research question, choosing a method, gathering and analyzing data, to writing up and publishing the findings.	<a href="#">Research Methods Link</a>  <a href="#">Sage Research Methods (video)</a>	Students, Faculty, Staff
<b>Sustainalytics Via WRDS</b>	Access Environmental, Social, Governance (ESG) data from about 4,500 companies and all major indices. Sustainalytics is a leading ESG and corporate governance research, ratings and analytics firm that supports investors around the world with the development and implementation of responsible investment strategies.	Sustainalytics	Students, Faculty, Staff
<b>TSX CFMRC</b>	The TSX-CFMRC Summary Database provides the academic community with a comprehensive information package containing historical market data for securities traded on Toronto Stock Exchange (TSX). Coverage includes financial market indices, common stocks, preferred stocks, rights, warrants, units and other listed securities. Listed securities information is segregated with respect to common and noncommon securities	<a href="#">TSX CFMRC</a>	Students, Faculty, Staff
<b>Quarterly</b>	A financial data resource useful for research containing historical market data for securities traded on Toronto Stock Exchange (TSX). Coverage includes financial market indices, common stocks, preferred stocks, rights, warrants, units and other listed securities. Listed securities information is segregated with respect to common and noncommon securities.	<a href="#">Quarterly Link</a>	Students, Faculty, Staff
<b>Sage Research Methods Data Visualization</b>	Combines foundational information on various types of visualizations with interviews with experts, sample datasets, and explanations of data visualization tools.	<a href="#">Sage Research Methods Data Visualization</a>	Students, Faculty, Staff
<b>World Competitiveness Online</b>	Provides data points and analysis to ranks the ability of nations to create and maintain an environment that sustains the competitiveness of enterprises	<a href="#">WCO Link</a>	Students, Faculty, Staff

## Research Resources

The Library also offers assistance with [Research Data Management best practices](#) and Data Management Plans (e.g., there are data repositories where you can store your research data at different stages of the research life-cycle and you can get a DOI for your dataset.) [Visit here](#) for assistance.

**Research and Library Skills course** – MacOdrum Library has developed a course to guide students through essential research and library skills. This self-guided resource allows students to complete the entire course or focus on specific skills. The short, impactful lessons cover a wide variety of topics, including academic integrity, developing a topic, finding information, evaluating information and sources, citations, and more. This course is an excellent example of the resources provided by the library, either through Brightspace modules or in-person workshops. Consider reviewing the course and integrating relevant sections into your own Brightspace! Enroll in [Research and Library Skills 101](#) through the Brightspace Discover tab today!

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To find another Research Specialist by area or for general Research Help, please visit: <https://library.carleton.ca/services/research-help>