South Dakota BRIN Library Resources

libguides.usd.edu/sdbrin

1st tab = What is available to me?

Available Resources
2nd tab = Help!

Tutorials: How do I use this database anyway?
3rd tab = Your Library Website & BRIN

SD BRIN Website
- Biomedical Research Infrastructure Network

Your Library
View the list of participating SD BRIN libraries below. If you cannot find what you are looking for through SD BRIN resources, you can use your home library to conduct research and interlibrary loans.

- Augustana University - Mikkelsen Library
- Black Hills State University - E.Y. Berry Library Learning Center
- Dakota Wesleyan University - McGovern Library
- Mount Marty College - Mother Jerome Schmitt Library
- Oglala Lakota College - Woksapi Tipi
- Sisseton Wahpeton Community College Library
- University of Sioux Falls - Norman B. Mears Library
- University of South Dakota - University Libraries
5th tab = Research Reproducibility Resources

Concerns about research reproducibility are present in many domains of biological and social sciences

The term reproducible research refers to the idea that the ultimate product of academic research is the paper along with the full computational environment used to produce the results in the paper such as the code, data, text files, etc., that can be used to reproduce the results and create new work based on the research.


Reproducibility refers to the ability of a researcher to duplicate the results of a prior study using the same materials as were used by the original investigator.


Resources to Follow

- Retraction Watch
  Tracks article retraction as a “window into the scientific process”
- Center for Open Science
  Contains tools for reproducible research and help for enhancing research visibility
- Curate Science
  A crowd-sourced platform to track, organize, and evaluate publications of published findings in the social sciences
- Research Object
  Aims to map the initiatives and activity in the development of research objects, an emerging approach to publication and exchange of scholarly information on the Web
- RetriZip
  Pack research along with all necessary data files so others can reproduce the research on a different machine without having to download or install different dependencies or operating systems

Suggested Reading

- Best practices for computational science: Software infrastructure and environments for reproducible and extensible research
- Computing Workflows for Biologists: A Roadmap
- Congratulations, Your Study Won Nowhere!
- The economics of reproducibility in preclinical research
- Estimating the reproducibility of psychological science
  Science. August 2015 Volume 348 Issue 6251
- Evaluation of excess significance bias in animal studies of neurological diseases
- Reproducibility and reliability of biomedical research: improving research practice
  UK Academy of Medical Sciences symposium report. October 2015

Data Repositories

- DRYAD
- Figshare
- Harvard Dataverse
- ICPSR: Inter-University Consortium for Political and Social Research
- Recommended Data Repositories by Topic
  From Nature Publishing Group
FAQs Regarding BRIN Library Resources

My library doesn’t have access to the article I need for my research. Now what?

1. Make note of the citation information (article title, journal title, author(s), volume and issue, or month published, and page numbers) and request the article through your library’s Interlibrary Loan Office.
2. You may also request the article using the Journal Article Request Form in the Document Delivery box under tab 2 in the LibGuide: libguides.usd.edu/sdbрин
3. Please only use this request for BRIN related research requests, not information for your English term paper.

The database is making me pay a fee for the article I want. I’m a student, I can’t afford that!

1. First, remain calm. You should not ever have to pay for a journal article.
   a. Make sure you have accessed the particular database or journal’s website through your library’s portal or gateway.
   b. Do not just Google the journal title, and enter the database that way. By going through your library’s website, the vendor will recognize that you are a “customer” and are authorized to obtain the information freely, as either your library or BRIN has paid the subscription fee.

I am so lost, what do I do?

1. Speak with your librarian, they are happy to help you. OR
2. Email Shelie at USD: shelie.vacek@usd.edu