



Project CADRE

Accessibility Update Report

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Method

The WAVE (Web Accessibility Evaluation Tool) Chrome plugin was used to review all pages in the CADRE website and the CADRE Gateway to identify any accessibility issues. Then, screenshots of the existing version of each page were taken and uploaded into Zeplin. The suggested accessibility-related UI/UX changes and errors and/or alerts that the WAVE plugin reported were made in Zeplin through the "Comments" function and pushed to the web developer to be implemented on the website.

All changes were implemented and rolled out to the end-user version of CADRE on Oct. 21, 2020, in CADRE's beta launch.

The High-level accessibility review by deque

Deque conducted High-level Accessibility Review of CADRE and shared its report with the Big Ten Academic Alliance (BTAA). Deque's report pointed out several accessibility issues on the CADRE website and Gateway, including color contrast, missing programmatic association, and name-role value problems where elements are not semantically identified as interactive elements.

Deque's review also listed other less prominent accessibility issues following the corresponding WCAG 2/2.1 AA/AAA Success Criteria.

Many of the accessibility issues listed in the Deque report are not directly visible, such as semantics issues, missing/blank/incomprehensive alt text, controls/interactive elements that are not keyboard-focusable, etc. Through collaboration with CADRE's lead developer, most of these issues are fixed, and changes have been rolled out in the beta launch.

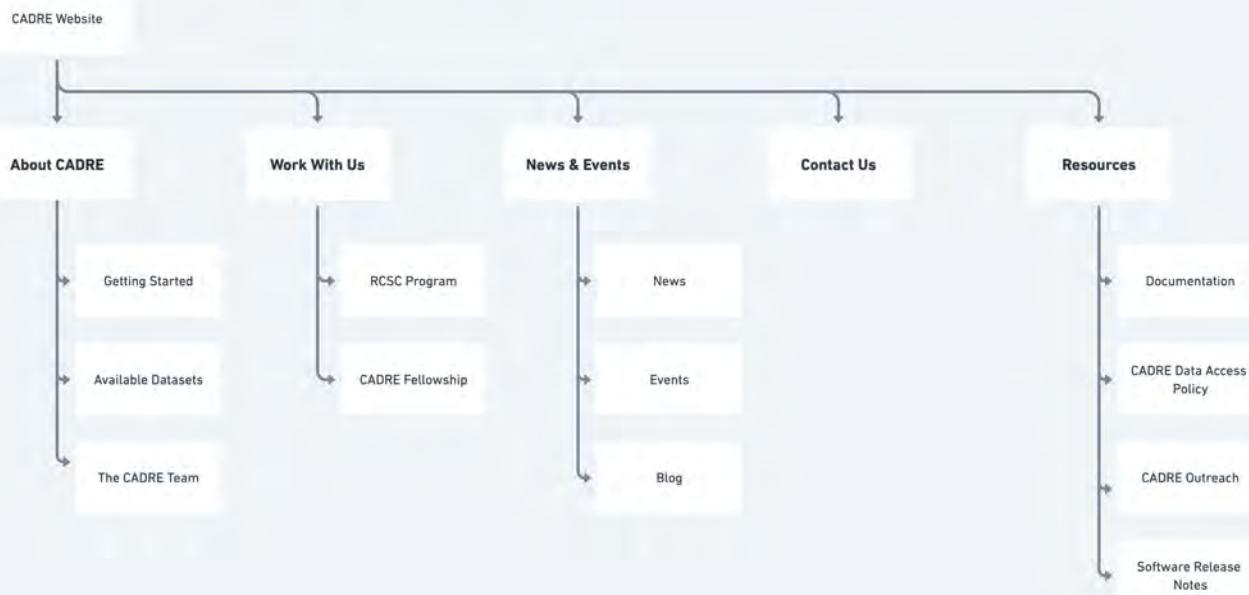
Future Improvements

It is necessary to take into consideration that CADRE is currently only in its beta phase and will continue to go through a lot more major changes both functionally and interaction-wise. In CADRE's current stage, identified accessibility issues we plan to improve in the future include users being timed out of the Gateway without warning and structural enhancements for screen readers.

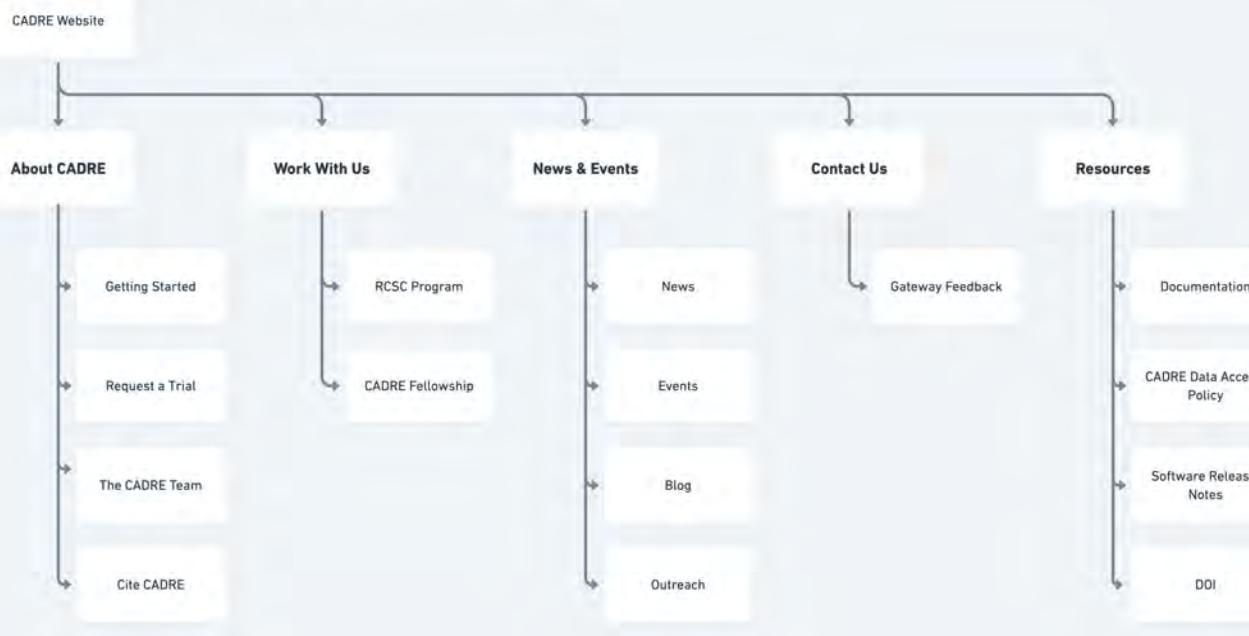
After the beta launch CADRE will only have one active and open instance (previously there was a stable public version and a less stable development-only version). Future changes will be available directly to all users.

CADRE Website Information Architecture: Before & After

Old CADRE Website Information Architecture

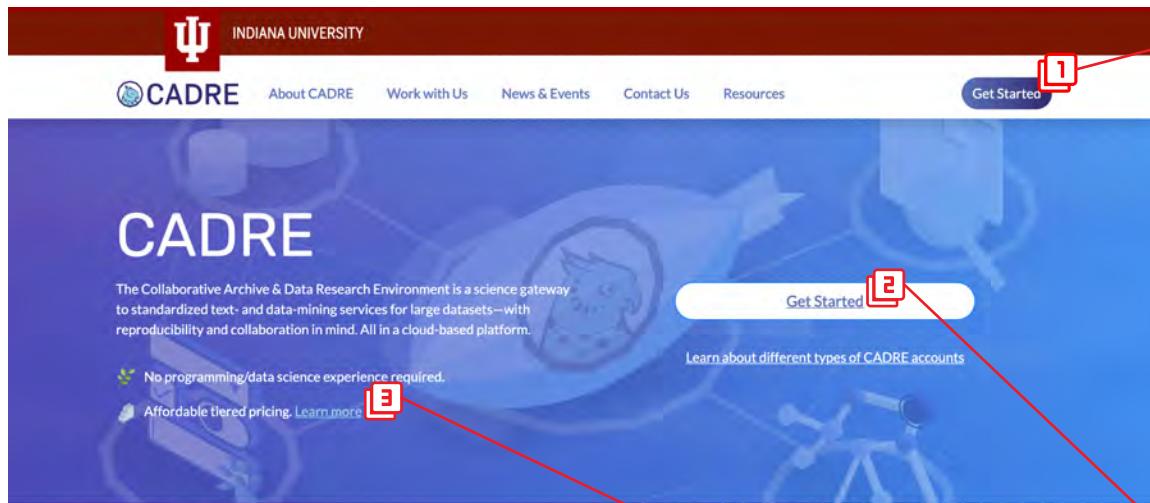


Updated CADRE Website Information Architecture



CADRE WEBSITE Homepage

<https://cadre.iu.edu/>



① UX Copywriting.
Changed from Get Started to Log In to ensure consistency and adopt common UX patterns in web design.



② General accessibility.
Enlarged font size from 1.25rem to 1.5 rem.



④

Reproduce research & leverage tools

Easily query large datasets with the CADRE Query Builder GUI and instantly export results to your profile for analysis.

Features

All of these to offer, and more

Access over 220 million scientific publications

Access over 220 million scientific publications and 1.7 billion citations from leading academic datasets.

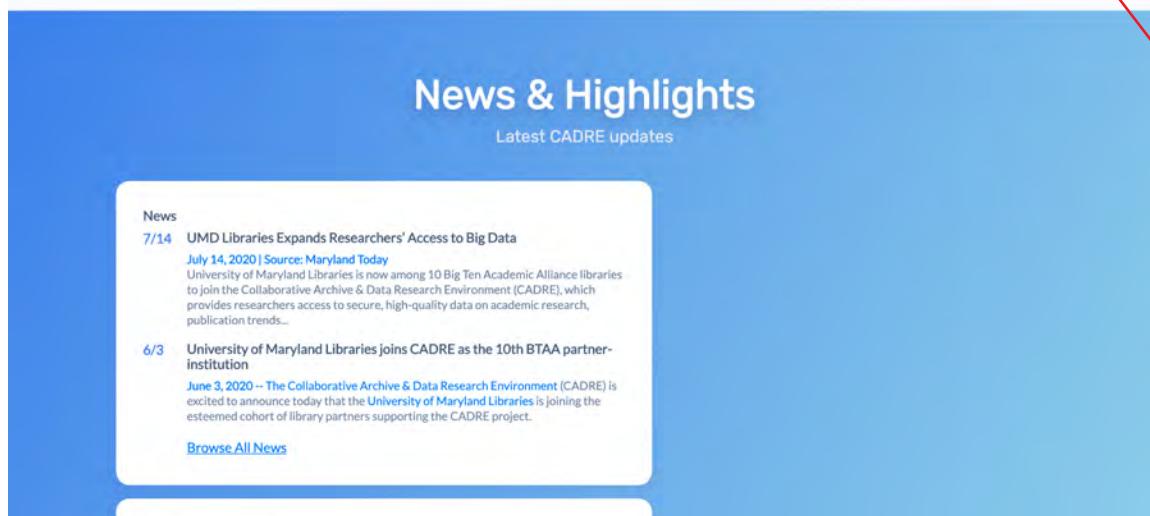
Effortlessly query data and analyze results

Easily query large datasets with the CADRE Query Builder GUI and instantly export results to your profile for analysis.

Reproduce research & leverage tools

Reproduce your research, query outputs, and data-analysis tools in the Marketplace and utilize the tools and research others share.

③ Contrast.
The light blue Learn More does not provide sufficient contrast against the background illustration.
Additional copywriting changes were also made.



④ Contrast.
See also ④ on the next page.

Updated from #7285a3 to #4D5575, new contrast ratio: 7.07:1, WCAG 2.1 AAA compliant.

[Browse All News](#)

Events

8/19 Postponed: Fellows Webinar: Comparative analysis of legacy and emerging

2020 journals in mathematical biology

Our fellowship team from the University of Michigan, Ann Arbor, will present their comparative analysis on papers published in mathematical biology legacy journals and newer journals.

10/21 Fellows Webinar: The global network of air links and scientific
2020 collaboration - a quasi-experimental analysis

The fellow team will discuss the impact of the introduction and availability of long-distance flights on international scientific collaboration.

[Browse All Events](#)

CADRE Fellows

Meet the community of researchers who are using CADRE to advance their research



THE OHIO STATE UNIVERSITY

Caroline Wagner Xiaojing Cai

Assessing the Rise of China as a Scientific Nation

This project is part of a series of studies in which researchers are assessing the rise of China in scholarship. In particular, the project aims to provide a comprehensive assessment of the nature of China's publications in science and engineering over the past 20 years. [Read More](#)



Marisa Conte Santiago Schnell

Comparative analysis of legacy ai
biology.

Researchers will perform a comparative analy
legacy journals and on newer journals with diff
[More](#)

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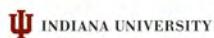
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Contrast issue;
visual aesthetics.

All underlined
text removed.

Font color of all
links in footer
changed to
#1451B3.

Font size of top-
level links
updated to
1.2em from 1em.

Updated/ad-
ded/removed
links in the
footer as
needed.

CADRE WEBSITE

About CADRE

<https://cadre.iu.edu/about-cadre>

The screenshot shows the 'About CADRE' page with several red boxes highlighting specific elements:

- Box 1:** Points to the page title 'About CADRE' at the top left.
- Box 2:** Points to the Indiana University logo and the CADRE project logo.
- Box 3:** Points to the breadcrumb links 'Home > About CADRE'.
- Box 4:** Points to the 'About CADRE' link in the footer.
- Box 5:** Points to the 'Features' section heading.
- Box 6:** Points to the 'Partners' section heading.
- Box 7:** Points to the 'Datasets' section heading.
- Box 8:** Points to the 'Demos & Instructions' section heading.
- Box 9:** Points to the 'Stay Updated' section heading.
- Box 10:** Points to the 'Diagram' section heading.
- Box 11:** Points to the central diagram illustrating the CADRE architecture.
- Box 12:** Points to the 'About CADRE' link in the footer.
- Box 13:** Points to the 'Getting Started' link in the footer.
- Box 14:** Points to the 'Available Datasets' link in the footer.
- Box 15:** Points to the 'The Team' link in the footer.

1 Structure & general accessibility.

Ensured the page title is `<h1>` for easy Assistive Technology navigation.

2 General accessibility.

Image missing alt text. Added "CADRE project logo" as alt text.

3 Contrast.

Text color for all breadcrumb links is updated to `#1451B3` from `#7285A3`. New contrast ratio 7.16:1, WCAG 2.1 AAA compliant.

[About CADRE](#)
[Getting Started](#)
[Request a Trial](#)
[The Team](#)
[Cite CADRE](#)

4 Contrast; readability.

Text color for all text links updated to `#1451B3` from `#007BFF`, including all in-paragraph links. New contrast ratio 7.34:1, WCAG 2.1 AAA compliant.

Content font size updated to 1.1em.

our [Resources page](#) to w
s that will improve the Ca

5 Structure; general accessibility.

Removed bullets before each section title; made all section titles `<h3>` for better page structure.

See also other [\[5\]](#) on this page.

Stay Updated

CADRE is moving fast and cl

CADRE Diagram



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[Resources](#)
[Documentation](#)
[CADRE Data Access Policy](#)
[CADRE Outreach Software Release](#)

The following pages are not included in this report because they does not involve any major page-specific accessibility change and/or updates.

Getting Started (<https://cadre.iu.edu/about-cadre/get-started>)

Available Datasets (this page has been deprecated; useful content has been merged into other proper pages)

CADRE WEBSITE About CADRE > The Team

<https://cadre.iu.edu/about-cadre/the-team>

The screenshot shows the 'The Team' section of the CADRE website. At the top, there's a dark banner with the Indiana University logo and the CADRE logo. Below the banner, the page title 'The Team' is displayed over a background image of five people. A navigation bar includes links for About CADRE, Work with Us, News & Events, Contact Us, Resources, and Get Started. Below the banner, a breadcrumb trail shows 'Home > About CADRE > The Team'. The main content area is titled 'CADRE Project Leads:' and lists five individuals with their names and titles. Each name is followed by a small portrait photo.

Jaci Wilkinson

Project Director; Head, Discovery and User Experience at Indiana University Libraries

Jamie Wittenberg

Project Co-Director; Assistant Dean for Digital Strategy and Information Technology Services at the University of Colorado Boulder

Patricia Mabry

Project Co-Director; Research Investigator at Health Partners Institute

Valentin Pentchev

Project Co-Director; Director of Information Technology at Indiana University Network Science Institute

Xiaoran Yan

Project Co-Director; Research Scientist at Indiana University Network Science Institute

Robert Van Rennes

Project Co-Director; Assistant Director of Library Initiatives at Big Ten Academic Alliance

CADRE IT Team



Valentin Pentchev

Project Co-Director; Director of Information Technology at Indiana University Network Science Institute

Ben Serrette

Lead Software Engineer and Web Application Developer at Indiana University Network Science Institute

Matthew Hutchison

Data Manager at Indiana University Network Science Institute

Marc McCarty

Structure & general accessibility.
See also other [1] on this and the next page.
Made all section titles `<h3>` with text color `#4D5575`, proving contrast ratio of 7.07:1 against the background (#FAFBFF) which is WCAG AAA 2.1 compliant.

Readability; visual aesthetics.
New layout improved readability, made the page layout more efficient.

This block provides a detailed view of the CADRE Project Leads and CADRE IT Team sections. Each section contains a grid of individual profiles, each with a portrait photo, name, and title. The CADRE Project Leads section includes profiles for Jaci Wilkinson, Jamie Wittenberg, Patricia Mabry, Valentin Pentchev, and Xiaoran Yan. The CADRE IT Team section includes profiles for Ben Serrette, Matthew Hutchison, and Chathuri Pelli Kankamalamage. The profiles are arranged in a grid format, with some profiles having a larger portrait and others a smaller one.

Matthew Hutchinson

Data Manager at Indiana University Network Science Institute

Marc McCarty



Associate Full Stack Developer at Indiana University Network Science Institute

Chathuri Peli Kankanamalage

Senior Systems Developer at Indiana University Network Science Institute

Jessie Ma

UI/UX Designer at Indiana University Network Science Institute

Not pictured:

Filipi Silva

Research Scientist at Indiana University Network Science Institute

CADRE Administrative/Outreach Team



Lourdes Gonzalez

Administrative Coordinator at Indiana University Network Science Institute

Stephanie Hernandez McGavin

Outreach Coordinator at Indiana University Network Science Institute

Our team!



Structure & general accessibility.

Made all names

. Contrast ratio: 14.91:1 (#212529 against #FAFBFF), WCAG AAA 2.1 compliant.

Since there are many names on this page, they are not all marked individually.



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The following pages are not included in this report because they does not involve any major page-specific accessibility change and/or update.

Work With Us (<https://cadre.iu.edu/work-with-us>)

CADRE WEBSITE

Work With Us > RCSC Program

<https://cadre.iu.edu/work-with-us/rcsc-program>

The screenshot shows the CADRE website's "Work With Us > RCSC Program" page. The header includes the Indiana University logo and navigation links for About CADRE, Work with Us, News & Events, Contact Us, Resources, and Get Started. The main content area features a banner with the text "RCSC Program". Below the banner, a paragraph discusses the pause in accepting new fellows due to capacity. It also mentions the submission of proposals for future consideration and access to CADRE's Microsoft Academic Graph dataset. A note about the COVID-19 Open Research Dataset (CORD-19) is present. The page lists actions for RCSC researchers, details about forming research teams, and highlights external resources like the C3.ai COVID-19 Data Lake. A section for "Current RCSC Researchers" is also shown.

1 Structure & general accessibility.

See other 1 in this page.

Made section titles <h4> instead of <h5> to optimize the overall page hierarchy.

Additional details

Applicants can form research teams consisting of any discipline and institution. You may also submit

If you have any questions, you can [contact us](#).

External resources

The CADRE Project also wants to highlight impo

- A list of content providers that have opened access to paid academic resources in response to COVID-19: [Click here](#)
- C3.ai COVID-19 Data Lake is a unified, federated, open data image of critical COVID-19 data available at no cost to researchers, beginning April 13: [Click here](#)

Current RCSC Researchers



1. Science maps of research referenced in COVID-19 articles from the Indiana University Network Science Institute and the University of São Paulo

- Filipi Nascimento Silva, research scientist, Indiana University Network Science Institute
- Diego Raphael Amancio, associate professor, Department of Computer Science, University of São Paulo

These researchers plan to address the recent flood of COVID-19 studies into preprint repositories. The sudden influx makes it difficult for researchers to stay on top of research that is relevant to their particular field using metrics or citations. The research team proposes a network-driven study that summarizes the fields related to recent COVID-19 literature. They will accomplish this by building citation networks among the most recent studies and applying community detection and keyword extraction to understand how the literature is organized. The researchers say that automated methods for summarizing COVID-19 research, as well as interactive visualizations, will aid other researchers in finding the most relevant and recent research in their field. The team will use CADRE's unified environment for access to scholarly datasets to accelerate their research.



2. Creating a map of COVID-19 research using neural embeddings: A retrospective approach from Indiana University Bloomington

- Sadamori Kojaku, postdoctoral fellow, Luddy School of Informatics, Computing, and Engineering, Indiana University Bloomington

This project will create a map of papers on COVID-19 that will be compared with maps for similar viruses, such as SARS and influenza, to better understand unexplored and concentration areas in the research. Kojaku will employ neural embedding methods, used to project research papers onto a low dimensional space using citations and semantic information, and then compare the density of papers on COVID-19 with other diseases. Kojaku says this research will both address unexplored areas that may deserve more attention and allow researchers to easily explore research related to COVID-19. Kojaku is part of the Science Genome project, which is a close CADRE collaborator, and says he will use CADRE to access the comprehensive, continuously updated CORD-19 dataset and related research, as well as to receive support from CADRE's technical team and access to its computing resources.



3. Tracking and Recognizing Patterns of Communication, Search, and International Collaboration in COVID-19 Research from Ohio State University, University of Hawaii at Manoa, and University of Technology Sydney

- Caroline Wagner, associate professor and Milton & Roslyn Wolf Chair in International Affairs, John Glenn College of Public Affairs, Ohio State University
- Xiaojing Cai, visiting fellow, John Glenn College of Public Affairs, Ohio State University
- Caroline V. Fry, assistant professor, Shidler College of Business, University of Hawaii at Manoa
- Yi Zhang, lecturer, Centre for Artificial Intelligence, Faculty of Engineering and Information Technology, University of Technology Sydney, Australia

This research team plans to study the international collaborations that are forming to perform COVID-19 research. The researchers say the combination of an intense research focus and a demand for quick results provides a rare opportunity for social scientists who study collaboration, teaming, and science dynamics. The team added that the abundant informal communications and knowledge sharing among scientists to address COVID-19 is rare. All of these circumstances have created an opportunity for the researchers to study team formations in real-time with CADRE. They plan to take advantage of CADRE's datasets and technical team for their research. Two team members (Wagner and Cai) are also currently using CADRE for another [CADRE Fellowship project](#).

4. Study of Pandemic Publishing: How Scholarly Literature is Affected by COVID-19 Pandemic from the University of Michigan

- Yulia Sevryugina, chemistry librarian, Shapiro Science Library, University of Michigan, Ann Arbor
- Andrew Dicks, undergraduate student assistant, University of Michigan, Ann Arbor

Yulia Sevryugina's project will address the quality of recently published COVID-19 publications. Sevryugina says COVID-19 related research is being performed and published hastily. She adds that turnaround times for medical journal publications have decreased by almost 50 percent. Speedy research and condensed publication timelines contribute to a lack of scientific rigor and increase the likelihood of corrections and retractions, leading to the spread of false information in trusted journals. Sevryugina will study the quality of COVID-19 related scholarly works by using CADRE's datasets to identify signs of incoherence, irreproducibility, and haste. That includes analyzing COVID-19 published literature for incoherent writing, stylistic errors, plagiarism, speculative language, unreproducible experiments, and far-fetched conclusions based on poor quality data. She will also examine retracted and corrected manuscripts and explore their citation maps to understand how errors propagate through scholarly literature. Sevryugina hopes her research will help others find the balance between expediting publication timelines and maintaining research quality.

 Structure & general accessibility.

See other  in the previous page.

Made titles of researchers **<h5>** with the additional use of **** over names of the researchers (institutional information of each researcher is regular **<h5>**).

Additionally, dividers are added between each research.



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Study of Pandemic Publishing: How Scholarly Literature is Affected by COVID-19 Pandemic from the University of Michigan

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CADRE WEBSITE

Work With Us > CADRE Fellowship

<https://cadre.iu.edu/work-with-us/cadre-fellowship>

The screenshot shows the CADRE Fellowship page with several annotations:

- Structure.** (Red box 1) An annotation pointing to the secondary navigation bar at the top right, which includes "Work with Us", "RCSC Program", and "CADRE Fellowship".
- Structure & general accessibility.** (Red box 2) An annotation pointing to the section title "Our fellowship teams include:".
- Structure & general accessibility.** (Red box 3) An annotation pointing to the section title "2. Understanding citation impact of scientific publications through ego-centered citation networks from Peking University, Nanjing University and University of Texas at Austin".
- Structure & general accessibility.** (Red box 4) An annotation pointing to the section title "3. MCAP: Mapping Collaborations and Partnerships in SDG Research from Michigan State University".
- Structure & general accessibility.** (Red box 5) An annotation pointing to the section title "4. The global network of air links and scientific collaboration – a quasi-experimental analysis from Indiana University Bloomington and University of Warsaw".
- See also other [E] on the next page.** (Red box 6) An annotation pointing to the "See also other" link at the bottom of the page.

Indiana University Logo

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CADRE Fellowship

Home > Work with Us > CADRE Fellowship

Currently, our fellowship program is closed and we will not be taking on any new fellows in the coming months. Instead, we invite you to test CADRE, which is in alpha. Learn how to access the platform [here](#).

We have an exciting upcoming line up of webinars in our fellows webinars series, where you can learn more about each of our fellows' research. You can see who's presenting next by visiting our [events page](#) -- and be the first to know when fellows will present by following us on Twitter at [@CADRE_Project](#) and [subscribing](#) to our newsletter.

Our fellows [\[E\]](#)

Our eight fellowship teams span across disciplines and offer compelling research that incorporates big data and bibliometrics. These fellows traveled with the CADRE team to the 2019 [International Conference on Scientometrics and Informetrics](#) in Rome and will present their work in webinars in 2020.

Our fellowship teams include:

E 1. Utilizing Data Citation for Aggregating, Contextualizing, and Engaging with Research Data in STEM Education Research from Purdue University Researchers:

- Michael Witt, associate professor of library science, Purdue Libraries and School of Information Studies, Purdue University
- Loran Carleton Parker, associate director & senior evaluation and research associate, Evaluation Learning Research Center, Purdue University
- Ann Bessenbacher, research associate and data scientist, STEMED HUB, Purdue University

Researchers will characterize citation of data from the literature in the field of STEM education research. A sample of relevant publication venues in the field will be identified from WoS and MAG. Digital Object Identifiers (DOIs) of datasets registered with DataCite will be used to query and associate datasets with publications. The team will assess rates of citation for datasets that are cited using DataCite DOIs for each publication venue and analyze a sample of data citations and publications to determine suitability for providing an initial context to help a researcher who is unfamiliar with the data determine whether to use the dataset.

E 2. Understanding citation impact of scientific publications through ego-centered citation networks from Peking University, Nanjing University and University of Texas at Austin

- Yi Bu, Assistant Professor at the Department of Information Management, Peking University, China
- Chao Min, research assistant professor in information management, Nanjing University in China
- Ying Ding, Bill & Lewis Suit Professor at School of Information, University of Texas at Austin

The research team seeks to find the "deeper" and "broader" impact of network-based citation measurements in the scientific community. This project will determine the citation impact of scientific publications using an ego-centered citation network, which contains the citing relationships between a publication and its citing publications, as well as the relationships within its citing publications. Researchers will use the entirety of the WoS and MAG data to establish empirical evidence in this project.

E 3. MCAP: Mapping Collaborations and Partnerships in SDG Research from Michigan State University

- Jane Payumo, academic specialist and research and data evaluation manager, MSU AgBioResearch, Michigan State University
- Devin Higgins, digital library programmer, MSU Libraries, Michigan State University
- Scout Calvert, data librarian, MSU Libraries, Michigan State University
- Guangming He, information management analyst, MSU Innovation Center, Michigan State University
- Anusha Manjunatha, data research analyst, MSU AgBioResearch, Michigan State University

This project will build on the WoS report "Navigating the Structure of Research on Sustainable Development Goals (SDG)," as the researchers search for patterns of global collaboration and support the United Nations' SDG call for action. Researchers will design a prototype to analyze and visualize the input-output of partnerships over time in SDG-supportive research. They also plan to create a scoring measure or partnership index that defines and conducts partnership analytics for SDGs by using data sourced from WoS and MAG.

E 4. The global network of air links and scientific collaboration – a quasi-experimental analysis from Indiana University Bloomington and University of Warsaw

- Katy Börner, Victor H. Yngve distinguished professor of engineering & information science, Indiana University Bloomington
- Adam Płoszaj, assistant professor at the Centre for European Regional and Local Studies, University of Warsaw
- Lisel Record, associate director, Cyberinfrastructure for Network Science Center
- Bruce Herr II, senior system architect and project manager, Cyberinfrastructure for Network Science Center

Researchers plan to determine the impact of the introduction and availability of long-distance flights on international scientific collaboration. The team will measure collaboration through co-authorship and co-affiliation. They will also geocode publication affiliations from WoS and MAG from 1998 through 2017. This quasi-experimental research will apply state-of-the-art causal modeling techniques and explore how data-driven causality can enhance science of science policy relevance.

team will measure collaboration through co-authorship and co-arrival. They will also geocode publication affiliations from WoS and MAG from 1998 through 2017. This quasi-experimental research will apply state-of-the-art causal modeling techniques and explore how data-driven causality can enhance science policy relevance.

E 5. Measuring and Modeling the Dynamics of Science Using the CADRE Platform from University of Minnesota, New York University, Boston University, University of Pennsylvania, University of Arizona

- Russell Funk, assistant professor of strategic management & entrepreneurship, University of Minnesota
- Michael Park, Ph.D. student in strategic management and entrepreneurship, University of Minnesota
- Thomas Gebhart, Ph.D. student in computer science and engineering, University of Minnesota
- Britta Glennon, assistant professor at Wharton School, University of Pennsylvania
- Julia Lane, professor at Wagner Graduate School of Public Service, New York University
- Raviv Murciano-Goroff, assistant professor at Questrom School of Business, Boston University
- Matthew Ross, research assistant professor at Wagner Graduate School of Public Service, New York University
- Erin Leahey, professor and director of sociology, University of Arizona
- Jina Lee, Ph.D. student in sociology, University of Arizona

This research team wants to better characterize scientific influence of papers, typically measured by how many times papers are cited, by distinguishing between papers that destabilize existing knowledge with novel concepts and papers that consolidate existing knowledge. In a separate but closely related aim, the researchers also plan to create a novel unsupervised machine learning technique for author-name disambiguation by pulling abstract, title, and citation data from WoS and MAG. For both aims, the CADRE platform will provide essential infrastructure in terms of large-scale data storage and high performance computational resources.

E 6. Comparative analysis of legacy and emerging journals in mathematical biology from University of Michigan and University of Michigan Medical School

- Marisa Conte, assistant director of research & informatics, Taubman Health Sciences Library, University of Michigan
- Samuel Hansen, mathematics and statistics librarian, Shapiro Science Library, University of Michigan
- Scott Martin, biological sciences librarian, Shapiro Science Library, University of Michigan
- Santiago Schnell, John A. Jacquez collegiate professor of physiology, University of Michigan Medical School

Researchers will perform a comparative analysis on papers published in four mathematical biology legacy journals and on newer journals with different publication models and disciplinary scope. The team will use the CADRE datasets to develop methodologies for comparative bibliometrics and content analyses; provide insight into publication trends in theoretical and applied domains; give authors new factors to consider when trying to publish; and help editors in similar disciplines use informatics to distinguish their journals.

E 7. Systematic over-time study of the similarities and differences in research across mathematics and the sciences from University of Michigan

- Samuel Hansen, mathematics and statistics librarian, Shapiro Science Library, University of Michigan

Samuel's project uses reference and citation aging, bibliographic coupling, and network breadth and depth to find similarities and differences between research fields in mathematics and the sciences. Specifically, they will find how information ages differently across disciplines, generate data about changes in the development of these research fields, and study how actively collaborative the disciplines are. Samuel will use WoS data from 1900 to 2017 to perform these analyses, which have typically only been done on a smaller scale in a single discipline.

E 8. Assessing the rise of China as a scientific nation from The Ohio State University

- Caroline Wagner, associate professor, Milton & Roslyn Wolf Chair in International Affairs, John Glenn College of Public Affairs, The Ohio State University
- Xiaojing Cai, visiting fellow, John Glenn College of Public Affairs, The Ohio State University

This project is part of a series of studies in which researchers are assessing the rise of China in scholarship. In particular, the project aims to provide a comprehensive assessment of the nature of China's publications in science and engineering over the past 20 years. One part of the study will be to examine the published scholarship from China and by Chinese nationals abroad. This will include case studies of specific fields, as well as macro overviews of the output, its impact, and the collaborations involved in China's rise. The team will use Web of Science and Microsoft Academic Graph to perform this research.



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CADRE WEBSITE News & Events

<https://cadre.iu.edu/news-and-events>

The screenshot shows the CADRE News & Events page. At the top is a dark red header with the Indiana University logo and the CADRE logo. Below it is a white navigation bar with links for About CADRE, Work with Us, News & Events, Contact Us, Resources, and a blue 'Get Started' button. A large blue banner with 'News & Events' text and a background image of a network or data visualization follows. The main content area has a light gray background. It features a 'SUBSCRIBE TO OUR NEWSLETTER' section with a text input field and a 'Stay Informed' button. Below this are four news items, each with a title, a small image, a date, a brief description, and 'See Details' and 'View More...' buttons. The news items are: 'UMD Libraries Expands Researchers' Access to Big Data', 'Fellows Webinar: Comparative analysis of legacy and emerging journals in mathematical biology', 'Open resources and cloud-based tech during the pandemic and beyond', and 'Events'.

General accessibility.
Previously, these section titles were clickable and looked like buttons. They are now all plain-text `<h3>` in **#4D5575**, contrast ratio 7.07:1, WCAG 2.1 AAA compliant.
See also other [1](#) in this page.



Contrast.
Updated text link color to **#1451B3**, contrast ratio 7.07:1, WCAG 2.1 AAA compliant.
See also other [1](#) in this page.

Contrast.
Changed title text color from **#677FBD** to **#5B72B7**, providing a contrast ratio of 4.63:1, WCAG 2.1 AA compliant.
See also other [1](#) in this page.

Contrast.
Changed text color from **#838896** to **#525860**, providing a contrast ratio of 7.18:1, WCAG 2.1 AAA compliant.

Contrast.
Changed button color from **#5B72B7** to **#1451B3**, providing a contrast ratio of 7.34:1, WCAG 2.1 AAA compliant.
See also other [1](#) in this page.

The footer contains the CADRE logo and navigation links for About CADRE, Work with Us, and News & Events. It also features a 'CELEBRATING 200 YEARS' banner with the Indiana University logo.

Accessibility | Priva

CADRE WEBSITE

News & Events > News

<https://cadre.iu.edu/news-and-events/news>

The screenshot shows the CADRE News page. At the top, there's a navigation bar with the Indiana University logo, the CADRE logo, and links for About CADRE, Work with Us, News & Events, Contact Us, Resources, and Get Started. Below the navigation is a large banner with the word "News" overlaid on a blue and purple abstract background. Underneath the banner, there are several news cards. Each card has a title, a date, a source, a preview paragraph, and a "Read More..." link. The cards are styled with different backgrounds and fonts.

① General accessibility and contrast.
Made this text an `<h4>`, meaning larger font size and more Assistive Technology friendly; changed color from `#646C81` to `#212529`, providing stronger contrast.

[Home](#) > [News & Events](#) > [News](#)

The latest CADRE news

[Home](#) > [News & Events](#) > [News](#)

The latest CADRE news

[UMD Libraries Expands Researchers' Access to Big Data](#)

July 14, 2020 | Source: [Maryland Today](#)

University of Maryland Libraries is now among 10 Big Ten Academic Alliance libraries to join the Collaborative Archive & Data Research Environment (CADRE), which provides researchers access to secure, high-quality data on academic research, publication trends...
[Read More...](#)

[University of Maryland Libraries joins CADRE as the 10th BTAA partner-institution](#)

June 3, 2020 -- The Collaborative Archive & Data Research Environment (CADRE) is excited to announce today that the [University of Maryland Libraries](#) is joining the esteemed cohort of library partners supporting the CADRE project.
[Read More...](#)

[IU-based science gateway enables key COVID-19 research using big data](#)

May 15, 2020 | Source: [IU Research Impact](#)

The Collaborative Archive and Data Research Environment was established to make an impact on big data research. In 2020, it's now making an impact on the COVID-19 fight through a new fellowship program to facilitate COVID-19 research.
[Read More...](#)

[CADRE welcomes researchers into its Research Cohort for the Study of Coronaviruses](#)

UPDATED: May 11, 2020 -- The Collaborative Archive & Data Research Environment (CADRE) is welcoming four fellow teams to its Research Cohort for the Study of Coronaviruses (RCSC).
[Read More...](#)

[CADRE creates fellowship program for those working on coronavirus-related research](#)

UPDATE: We have received a lot of interest in this program and have recently taken on four new fellowship teams. While we want to support as many RCSC research projects as possible, we have put a pause on accepting new fellows until we have the capacity to provide intensive support for new teams. You are welcome to submit a proposal to be considered at a future date, and you can contact us if you have questions.
[Read More...](#)



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[UMD Libraries Expands Researchers' Access to Big Data](#)

July 14, 2020

University of Maryland Libraries is now among 10 Big Ten Academic Alliance libraries to join the Collaborative Archive & Data Research Environment (CADRE), which provides researchers access to secure, high-quality data on academic research, publication trends and patents in all knowle...
[Read More...](#)



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② Readability; visual aesthetics; consistency.
Enlarged font size of all card titles (i.e. news titles) from 1em to 1.25em.

Normalized the format of data and source for each news entry.
Removed underline for all titles since text color difference is already sufficient in identifying titles as links.

Added space between the title, the preview paragraph, and the Read More link.

CADRE WEBSITE

News & Events > Events

<https://cadre.iu.edu/news-and-events/events>

The screenshot shows the CADRE website's "Events" section. At the top, there's a dark banner with the Indiana University logo and the CADRE logo. Below the banner, a large blue header bar contains the word "Events". To the right of the header, a sidebar says "All of CADRE's upcoming and past events." A red callout box labeled "1" points to this sidebar text. Another red callout box labeled "2" points to the event titles and their details.

1 General accessibility and contrast.
Made this text an `<h4>`, meaning larger font size and more Assistive Technology friendly; changed color from `#646C81` to `#1451B3`, providing stronger contrast.

2 General accessibility.
For all event titles, changed text color to `#1451B3` for better contrast.

For all Event Dates, enlarged font size to 1.1em, and changed text color to #1451B3 for better contrast.

For all Event Preview text, changed text color to #212529 for better contrast.

Changed See Details button background color to #1451B3.

Event Details:

- Fellows Webinar: Comparative analysis of legacy and emerging journals in mathematical biology**
September 23, 2020 - September 23, 2020
Our fellowship team from the University of Michigan, Ann Arbor, will present their comparative analysis on papers published in mathematical biology legacy journals and newer journals.
[See Details](#)
- Fellows Webinar: The global network of air links and scientific collaboration – a quasi-experimental analysis**
October 21, 2020 - October 21, 2020
The fellow team will discuss the impact of the introduction and availability of long-distance flights on international scientific collaboration.
[See Details](#)
- Fellows Webinar: What types of novelty are most disruptive?**
July 29, 2020 - July 29, 2020
This fellowship team will discuss how they used CADRE to find if novelty is always disruptive and, if not, which types are most disruptive.
[See Details](#)

The footer includes the Indiana University logo and links to "About CADRE", "Getting Started", "Available Datasets", and "The Team". To the right, there's a summary of the first event listed above.

Fellows Webinar: Comparative analysis of legacy and emerging journals in mathematical biology
September 23, 2020 - September 23, 2020
Our fellowship team from the University of Michigan, Ann Arbor, will present their comparative analysis on papers published in mathematical biology legacy journals and newer journals.
[See Details](#)

CADRE WEBSITE

News & Events > Blog

<https://cadre.iu.edu/news-and-events/blog>

① General accessibility and contrast.
Made this text an `<h4>`, meaning larger font size and more Assistive Technology friendly; changed color from `#646C81` to `#212529`, providing stronger contrast.

② Readability; visual aesthetics; consistency.
For all event titles, changed text color to `#1451B3` for better contrast; removed underline; enlarged font size to 1.25em.
Added space between blog post title and date.
For all Read More... text links, changed text color to `#1451B3`.

CADRE WEBSITE

Contact Us

<https://cadre.iu.edu/contact-us>

The screenshot shows the CADRE Contact Us page. At the top, there's a navigation bar with the Indiana University logo, CADRE logo, and links for About CADRE, Work with Us, News & Events, Contact Us, Resources, and Get Started. Below the navigation is a large blue header with the text "Contact Us". The main content area has a dark blue background with white text. It includes a paragraph about the platform's purpose, a link to an introduction page, and a "Submit Question or Comment" button. At the bottom, there's a footer with links for About CADRE, Work with Us, News & Events, Contact Us, and Resources, along with copyright information.

- 1 Semantics.
Added correct ARIA labels for the feedback form.
- 2 Contrast.
For all text links, changed text color to **#1451B3** for better contrast.
- 3 UX copywriting.
Changed button label to **Submit** to make label shorter, clearer, and cognitively easier.

CADRE WEBSITE Resources

<https://cadre.iu.edu/resources>

The screenshot shows the CADRE website's 'Resources' page. At the top, there's a banner with the word 'Resources'. Below it, a section titled 'Informational Videos and Demos:' lists several video thumbnails. To the right of this list is a circular logo featuring a blue dragon-like creature. Further to the right, there's a sidebar with links to 'Resources', 'Documentation', 'CADRE Data Access Policy', 'CADRE Outreach', and 'Software Release Notes'. A 'Get Started' button is located at the top right of the main content area.

In addition to providing sustainable, affordable, and standardized text- and data-mining services for large datasets, CADRE will offer extensive tutorials on how to work with our platform and datasets. Take a look at some resources for how to take full advantage of CADRE.

Informational Videos and Demos:

- Empowering Data-Driven Research through an Open, Accessible Data Infrastructure
- CADRE: A one-stop shop for scholarly data access, sharing, and reproducible computation
- ISSI 2019: CADRE Workshop
- ISSI 2019: CADRE Tutorial
- Open Science Forum: CADRE Talk and Demo
- OCLC Research Works in Progress Webinar: Overview of CADRE
- Workshop in Progress Webinar
- IMLS presentation: Brief overview of CADRE
- CADRE Fellows Webinar Series:
- What types of novelty are most disruptive?
- All quiet on the endless frontier? Characterizing the changing nature of innovation in science and technology
- Understanding Citation Impact of Scientific Publications Through Ego-Centered Citation Networks

Structure.

Made section titles `<h3>` instead of `<h4>`.

See also other [1] on this page.

Structure; readability; visual aesthetics.

Made all video titles `<h4>` instead of unordered list items.

Additionally, added top and bottom margin to all video titles so the page looks more spatially arranged.

Applies to all items marked [2] on this page.

Informational Videos and Demos:

CADRE Beta Launch Tour



Empowering Data-Driven Research through an Open, Accessible Data Infrastructure



• MCAP: Mapping Collaborations and Partnerships in SDG Research

• Assessing the Rise of China as a Scientific Nation

Data Access/General User Application: [1]

To request data access, please first read the CADRE Data Access Policy. You can then complete the CADRE General Data User Application. Upon approval, data enclave access is provided by IUNI Data Manager Matthew Hutchinson.

- CADRE Data Access Policy
- CADRE General Data User Application Form

User Story Collection Form [1]

We rely heavily on user stories and use cases to create a platform that is helpful to every type of academic researcher. To tell us what you want to see in our platform, share your user story. Please note, this form takes you to the IU Network Science Institute website.

- User Story Form

CADRE

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CADRE WEBSITE

Resources > Documentation

<https://cadre.iu.edu/resources/documentation>

The screenshot shows the CADRE website's documentation page. At the top, there's a navigation bar with the Indiana University logo and links for About CADRE, Work with Us, News & Events, Contact Us, Resources, and a Get Started button. Below the navigation is a large banner with the word "Documentation". Underneath, the main content area has a breadcrumb trail: Home > Resources > Documentation. A red box highlights the first section title "Web of Science" (with a red number 1). The text below it says: "Below is documentation that will help users begin to work with each of our datasets. If you'd like to start investigating the WoS dataset, check out the following:" followed by a bulleted list:

- [WoS Entity Relationship Diagram](#)
- [Web of Knowledge Schemas](#)
- [WoS Data Dictionary](#)
- [Web of Knowledge User Guide](#)

. Another red box highlights the second section title "Microsoft Academic Graph" (with a red number 1). The text below it says: "MAG documentation, including a repository of sample code, to help you begin your journey with MAG:" followed by a bulleted list:

- [MAG Entity Relationship Diagram](#)
- [GitHub: Academic Knowledge Analytics Visualization](#)

. A third red box highlights the third section title "U.S. Patent and Trademark Office" (with a red number 1). The text below it says: "USPTO documentation is available here:" followed by a bulleted list:

- [USPTO Entity Relationship Diagram](#)

. At the bottom of the page, there's a footer with links for About CADRE, Work with Us, News & Events, Contact Us, and Resources, along with a "CELEBRATING 200 YEARS" banner and Indiana University branding.

Structure.
Made section titles `<h4>` instead of `<h5>`; added space below section titles.
See also other [1] on this page.

Web of Science
If you'd like to start investigating the WoS dataset, check out the following:

- [WoS Entity Relationship Diagram](#)
- [Web of Knowledge Schemas](#)
- [WoS Data Dictionary](#)
- [Web of Knowledge User Guide](#)

Microsoft Academic Graph
MAG documentation, including a repository of sample code, to help you begin

CADRE WEBSITE

Resources > CADRE Data Access Policy

<https://cadre.iu.edu/resources/data-access-policy>

The screenshot shows the CADRE Data Access Policy page. At the top, there is a navigation bar with links to About CADRE, Work with Us, News & Events, Contact Us, Resources, and a Get Started button. Below the navigation bar is a banner with the title 'CADRE Data Access Policy'. The main content area has a heading 'Scope' with a red box around it, followed by a detailed description of the scope. To the right of the 'Scope' section is a sidebar with links to Resources, Documentation, CADRE Data Access Policy, CADRE Outreach, and Software Release Notes. The 'Scope' section is connected by a red arrow to a callout box labeled 'Structure'. The sidebar is connected by a red arrow to another callout box labeled 'Visual aesthetics; readability.'

Structure.

Made section titles `<h3>` instead of `<h4>`.

See also other on this page and the next page.

Download a PDF version of this policy [here](#).

Scope

All agents of the Universities participating in the CA datasets stored on IUNI's data enclave.

Policy Statement

- IUNI has entered into an agreement with Clarivate Analytics to receive a copy of the 'Web of Science' (WoS) dataset and Microsoft Research to receive the 'Microsoft Academic Graph' (MAG). The WoS data set contains over sixty-nine million records documenting scholarly research from the end of the nineteenth century up to and including 2017. The MAG dataset includes over 200 million publications with the earliest dating from the early 19th century. IUNI is making this data accessible while simultaneously honoring agreements with Clarivate Analytics and Microsoft Research. To this end, the data will be stored on a discrete enclave on a dedicated within the Carbonate computing cluster. This document describes the rules users must follow in order to access the WoS and MAG datasets.
- The data is accessible via three distinct modes all of which are available on the enclave:
Raw XML data (WoS) or TSV (MAG) A relational PostgreSQL database created by parsing the raw XML and TSV data A browser based GUI running within the server

Reason for Policy

IUNI wants to make the WoS and MAG data accessible to eligible individuals while adhering to the terms and conditions of the agreement with Clarivate Analytics and Microsoft Research.

The WoS data set is a proprietary data set purchased from Clarivate Analytics and the protection of this data is a key priority for the institute. A violation may result in a termination of the contract with Clarivate Analytics; resulting in significant challenges for research using publication data throughout the University.

The MAG data is openly available and is provided to IUNI by Microsoft Research. The dataset is licensed ODC-By and as such can be used freely as long as the appropriate citation is included.

The goal of the data access policy is to maximize accessibility while simultaneously ensuring adequate controls over the data and remaining in compliance with the Clarivate Analytics' licensing agreement.

Procedures

1.1. The data enclave will be accessible for all eligible individuals who are affiliated with a participating institution. Except where there is a compelling reason not to do so, it is the intention of IUNI to approve all applications from individuals and who complete the actions required to comply with this policy.

1.2. The Indiana University Office of the Vice-President and General Counsel has final authority regarding interpretation of the Clarivate license agreement and whether the proposed use of the data comport with the agreement.

1.3. Analysis and research can be conducted within the enclave using applications already installed on the Carbonate cluster. Additional applications requested by users can be installed on the enclave at the Research Data Steward's discretion (as required by DM-02). A request for new software should be submitted to the IUNI Data Manager for consideration. The Data Manager will work with the Research Data Steward and UITS to determine whether the request can be honored. All persons submitting a request will receive a response regarding the disposition of the request in a timely manner.

1.4. Analysis and research can also be conducted on the indexed data in the PostgreSQL database by either submitting direct SQL queries or by using the browser based GUI from inside the enclave.

1.5. Analysis and research requiring more computational resources than the current Data Enclave provides, can be performed using the University's advanced computational systems (e.g. Carbonate, Karst, Big Red II, Mason, etc.).

1.6. The server on which the data is stored open to the internet and users are free to export data as necessary. However, when working with the WoS data, users should be aware of the volume of data they remove from the server. Users may export as much data as they wish but should consider that the more data they export, the greater the potential for that proprietary data may be lost or accessed inappropriately.

2.1. All users are expected to notify the IUNI Data Manager about any use of the data or derived results in publications or funding proposal submissions and include a citation for the IUNI, Clarivate Analytics and/or Microsoft Research data. Format for the citation will be posted to the IUNI WoS data website.

2.2. An individual or group that uses the XML version of the WoS data as it was purchased from Clarivate Analytics should include the following acknowledgement in the published work:

"This work uses Web of Science data by Clarivate Analytics provided by the Indiana University Network Science Institute."

2.3. An individual or group that uses the WoS database in the enclave should include the following acknowledgement in the published work:

"This work uses Web of Science data by Clarivate Analytics provided by the Indiana University Network Science Institute and the Cyberinfrastructure for Network Science Center at Indiana University."

2.4. An individual or group that uses the TSV version of the MAG data as Microsoft Research provides or the database on the IUNI enclave, it should include the following acknowledgement in the published work:

"This work uses Microsoft Academic Graph data by Microsoft Research provided by the Indiana University Network Science Institute."

2.5. Any work that uses with any data from the MAG must include the following citation:

Arnav Sinha, Zhihong Shen, Yang Song, Hao Ma, Darrin Elde, Bo-June (Paul) Hsu, and Kuansan Wang. 2015. An Overview of Microsoft Academic Service (MA) and Applications. In Proceedings of the 24th International Conference on World Wide Web (WWW '15 Companion). ACM, New York, NY, USA, 243-246. DOI=<http://dx.doi.org/10.1145/2740908.2742839>

Definitions

- IUNI: The Indiana University Network Science Institute (iuni.iu.edu)
- Eligible Individual: An individual who is an employee or student of an institution participating in the CADRE project.
- Web of Science or WoS: The dataset and all future updates that have been provided to IUNI by Clarivate Analytics.

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- **Eligible Individual:** An individual who is an employee or student of an institution participating in the CADRE project.
- Web of Science or WoS: The dataset and all future updates that have been provided to IUNI by Clarivate Analytics.
- Microsoft Academic Graph or MAG: The dataset and all future updates that have been provided to IUNI by Microsoft Research.
- **Data Enclave** or 'The enclave': A dedicated data intensive node in the Karst network that stores the WoS and MAG dataset and is maintained by UIIT on behalf of IUNI.
- **Data Manager:** An employee of IUNI who conducts day-to-day administration of the WoS and MAG dataset and supports researchers in accessing the data. The Data Manager serves as the single point of contact for all issues regarding the enclave and the WoS data (See <https://datamgmt.iu.edu/governance/structure.php> for more details).

Sanctions

Indiana University will handle reports of misuse and abuse of information and information technology resources in accordance with existing policies and procedures issued by appropriate authorities. Depending on the individual and circumstances involved this could include the offices of Human Resources, Vice Provost or Vice Chancellor of Faculties (or campus equivalent), Dean of Students (or campus equivalent), Office of the General Counsel, and/or appropriate law enforcement agencies. See policy IT-02, Misuse and Abuse of Information Technology Resources for more detail.

Failure to comply with Indiana University information technology policies may result in sanctions relating to the individual's use of information technology resources (such as suspension or termination of access, or removal of online material); the individual's employment (up to and including immediate termination of employment in accordance with applicable university policy); the individual's studies within the university (such as student discipline in accordance with applicable university policy); civil or criminal liability; or any combination of these.

Additional Contacts

Subject Contact

Web of Science: Matthew Hutchinson | (812) 855-1404 | maahutch@iu.edu

Microsoft Academic Graph: Matthew Hutchinson | (812) 855-1404 | maahutch@iu.edu

Forms

If you are interested in accessing the data enclave, please complete the application form at the following address:

<http://iuni.iu.edu/resources/cadre/general-data-user>

History

This policy replaces the 'Web of Science - Data Access Policy'.



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The **CADRE Outreach** page is included in the **Resources** section (on the next page), but in the updated website, it has been moved to the **News & Events** section; new URL to the page is:

<https://cadre.iu.edu/news-and-events/outreach>

CADRE WEBSITE

Resources > CADRE Outreach

new URL: <https://cadre.iu.edu/news-and-events/outreach>

The screenshot shows the CADRE Outreach page with several changes highlighted:

- Section Header:** "CADRE Outreach" is now in a larger, bold font at the top of the main content area.
- Copywriting:** The original text has been replaced by a full bibliography of CADRE's outreach activities since the beginning of its grant. This text is enclosed in a red box labeled [1].
- Visual Aesthetics:** The page has a cleaner look with a white background and a blue header bar. The bibliography is presented in a clear, sans-serif font with 1em space between items. This section is enclosed in a red box labeled [2].

[1] UX Copywriting.

Changed the copywriting to “A full bibliography of CADRE’s outreach activities since the beginning of its grant.” to make the page more understandable.

[2] Visual aesthetics; readability.

Added 1em space between each listed items.



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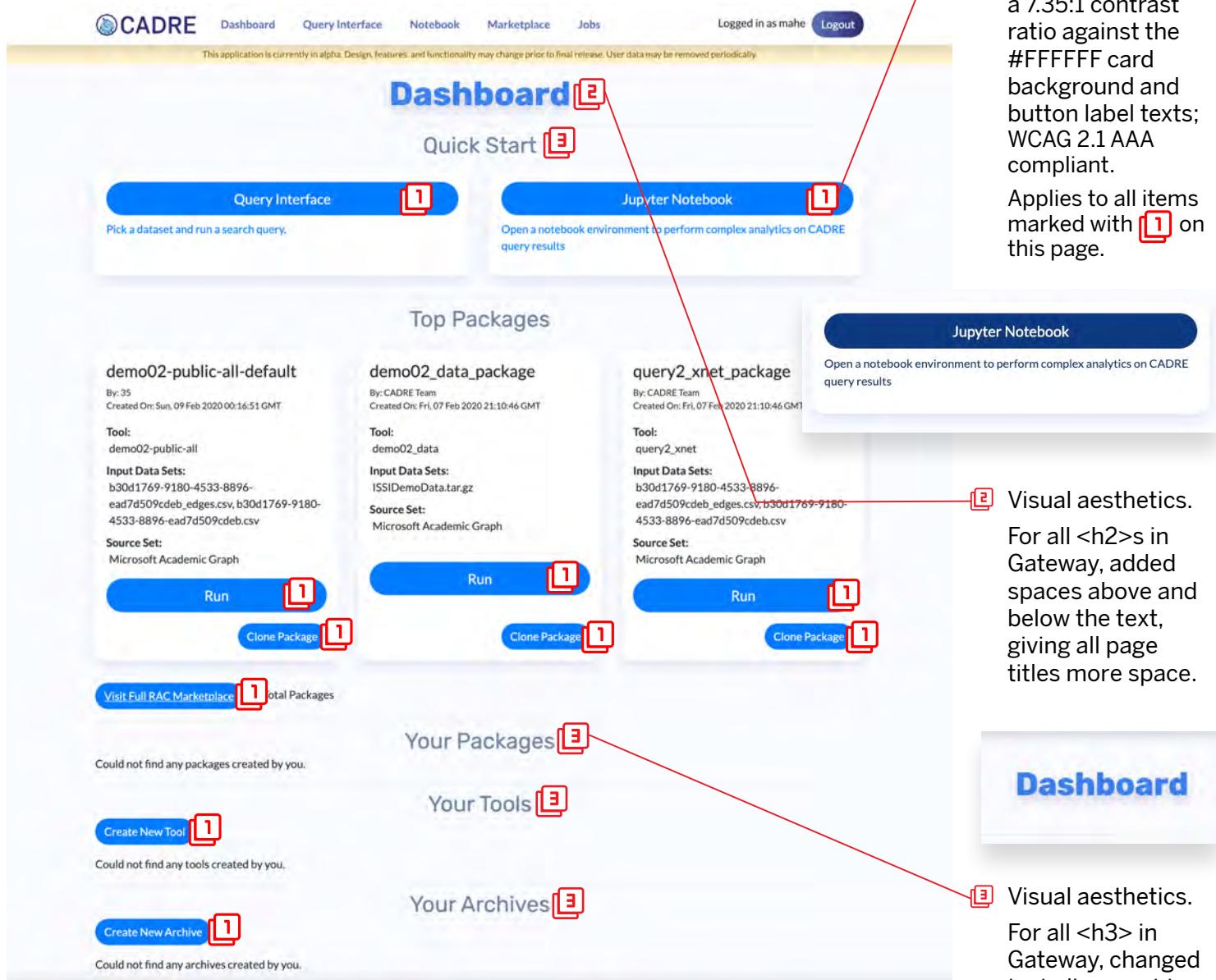
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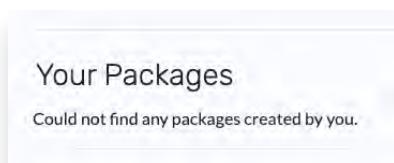
CADRE GATEWAY

Dashboard

<https://cadre.iu.edu/gateway/>



Adjusted opacity of this button to 100% which means this button is fully visible. Additionally, the Gateway-universal button background color change also applies to this button.



CADRE GATEWAY

Query Builder > Choose Dataset

<https://cadre.iu.edu/gateway/query-builder/choose-data-set>

The screenshot shows the 'Choose a Dataset' section of the Query Builder. It includes a header bar with 'Choose Dataset' and 'Query Builder' buttons, a main content area with three dataset options (Web of Science, Microsoft Academic Graph, and Web of Science 2019), and a footer with logos for CADRE, BIG Academic Alliance, LIBRARIES, and Indiana University Network Science Institute. A red box highlights the 'Proceed to Query Builder' button, which is labeled with a red square containing the number 5.

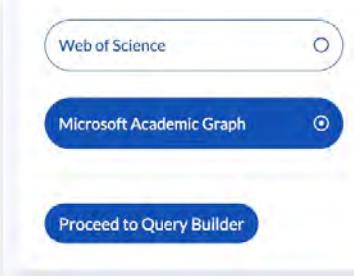
1 Contrast. The lighter end of the background gradient provides poor contrast against the white page title. The gradient was changed from #3E81EA - #92D3E7 to #003385 - #2670E8; both ends of the new gradient provide contrast ratios greater than 4.90:1, WCAG 2.1 AAA compliant (for large text only).

2 Contrast. Universal button background color change also applies to these radio buttons.

3 Visual aesthetics. Metadata for scholarly papers and their authors

4 Visual aesthetics. Metadata for scholarly papers and their authors

5 Structure; visual aesthetics. Moved this "Proceed to Query Builder" button into the box above, added a divider between the button, added space around the button, removed text underline, and aligned the button to the left of the radio buttons above. The reason for these changes is that the button belongs to the same functional group with controls inside the box.



The screenshot shows the 'Choose a Dataset' section with the 'Proceed to Query Builder' button moved to the top of the list of datasets. The button is now aligned to the left of the radio buttons. The overall design is cleaner and more modern.

Choose a Dataset



Visual aesthetics. Made this text horizontally aligned to radio buttons to their left.

CADRE GATEWAY

Query Builder > Build Query

<https://cadre.iu.edu/gateway/query-builder/build-query>

The screenshot shows the CADRE GATEWAY Query Builder interface. The top navigation bar includes links for Dashboard, Query Interface, Notebook, Marketplace, Jobs, and Logout. A note at the top states: "This application is currently in alpha. Design, features, and functionality may change prior to final release. User data may be removed periodically." The main title is "Query Builder" with sub-links for "Choose Dataset" and "Query Builder". Below the title is a search bar with the placeholder "Query the Web of Science dataset".

Annotations:

- 1**: Contrast. See note **1** in the last page.
- 2**: Structure; Visual aesthetics; readability. Universal `<h3>` style change also applies to this.
- 3**: The universal button background color also applies to controls marked with **3** as highlight/selected state color.

Filters: A section for adding filters with a dropdown menu "Choose a search field" and a "Remove Filter" button.

Output Fields: A section for selecting output fields. It includes "Show Selected Only" (radio button), "Show All Available Fields" (checkbox), "Deselect All" (button), and a list of selected fields: `wos_id`, `year`, and `authors_full_name`.

Network Queries: A section for network queries with a checkbox "Include First Degree Citation Network".

Get Preview: A blue button to preview results.

Job Name (Optional): A field to enter a job name with a placeholder "Some Name".

Submit Query: A blue button to submit the query.

Output Fields (Modal): A modal window showing the selected output fields: `authors_display_name`, `journal_display_name`, `paper_id`, `year`, and `original_title`. It includes "Show Selected Only" (radio button), "Show All Available Fields" (checkbox), "Deselect All" (button), and "Select All" (button).

Logos and Footer: Logos for CADRE, BIG Academic Alliance, LIBRARIES, and Indiana University Network Science Institute. The footer includes the text "CADRE: Big Data Gateway Version 0.2.0-alpha" and a "Send Feedback" button.

CADRE GATEWAY

Gateway > Not-Logged-In Page

<https://cadre.iu.edu/gateway/profile>

here. If you are using CADRE as part of your affiliated institution's trial period, you must fill out [this trial user form](#) before working on the platform.' A red callout box labeled '1' points to the 'here' link. Further down, there is descriptive text about the platform's purpose and a link to the CADRE home page. Logos for CADRE, BIG Academic Alliance, Indiana University Libraries, and Indiana University Network Science Institute are displayed. The footer includes the text 'CADRE Big Data Gateway Version 0.2.1-alpha' and a 'Send Feedback' button."/>

This application is currently in alpha. Design, features, and functionality may change prior to final release. User data may be removed periodically.

You are not logged in. You can log in [here](#).

If you are using CADRE as part of your affiliated institution's trial period, you must fill out [this trial user form](#) before working on the platform.

The Collaborative Archive & Data Research Environment is a science gateway to standardized text+ and data-mining services for large datasets—with reproducibility and collaboration in mind. All in a cloud-based platform.

For more information about CADRE, visit the [CADRE home page](#).

CADRE **BIG** **LIBRARIES** **INDIANA UNIVERSITY**
ACADEMIC ALLIANCE | INDIANA UNIVERSITY NETWORK SCIENCE INSTITUTE

CADRE Big Data Gateway Version 0.2.1-alpha

Login Status: Not logged in

To access/query all versions of Web of Science (WoS) databases, institutional/organizational login is required. To do so, click "Log in to CADRE" below, then select CILogon on the next page.

Please note that even if your institutional/organizational account is also a Google/G Suite/Gmail account, you still need to log in through CILogon to access WoS.

Log In to CADRE

Send Feedback

- 1 UX copywriting.
Added information about choosing the correct option when logging in.

CADRE GATEWAY

Other Universal Changes (Gateway-only)

Other universal accessibility changes include:

Color of the focus indicator is changed to improve its contrast ratio.

Fixed controls/objects that are missing attributes.

Fixed controls, such as custom buttons, that are not programmatically associated with their group labels.