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DABS (Data and Bioinformation Stuff) Volume 1 Issue 4: Love Data Week and the Launch of CDABS!

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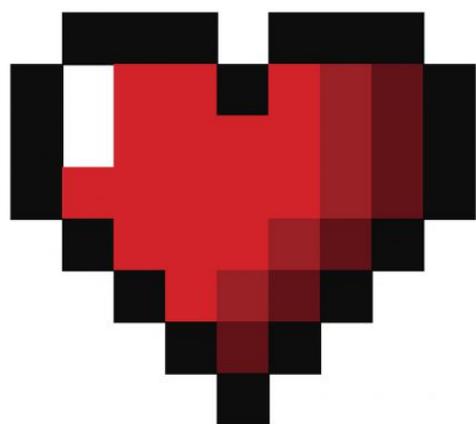
Love Data Week is coming February 8!

Love Data Week (Feb. 8 to 12) is an international celebration of all things data! Each year we hope to engage with our community on issues like data management, sharing, wrangling, and visualization, as well as open and reproducible science. **This year we are excited to celebrate with the official launch of the new Center for Data and Bioinformation Services (CDABS)** at the Health Sciences and Human Services Library (HSHSL) and a week of activities.

Schedule

Ongoing – All week

- Visit the UMB Data Catalog - [https://datacatalog.hshsl.umaryland.edu/] . Explore the great research being done at UMB. Talk to us about cataloging your datasets! For more on the Data Catalog check out this video introduction - [https://youtu.be/peVJRjPn9So] !

- Take part in ICPSR's Adopt a Dataset - [https://www.icpsr.umich.edu/web/about/cms/1576?utm_source=all&utm_medium=all&utm_campaign=LDW2021all] program. ICPSR is an extensive repository of social, behavior

al, and political data and the official organizer of Love Data Week. Choose a dataset from their list to ad opt and share insights about it on social media.

- Share why you love data on Twitter. Be sure to use the hashtags #LoveData21 and #UMBLovesData

Monday Feb. 8

Noon

Introduction to the Center for Data and Bioinformation Services

Join us for an information session to learn more about the Center for Data and Bioinformation Services (CDA BS) and discover the many ways we can work with you at all stages of your research. CDABS is the new hu b for data and bioinformation learning, services, resources, and communication at the Health Sciences & Hu man Services Library. Register - [https://www2.hshsl.umaryland.edu/hshsl/workshops/register.cfm?id=1152]

12:30PM-2:00PM

CDABS Launch Party!

Hang around after our introductory session, bring your own refreshments and celebrate the launch of the ne w Center. We are available to talk about anything you want and party! Register - [https://www2.hshsl.umarylan d.edu/hshsl/workshops/register.cfm?id=1163]

Tuesday Feb. 9, Noon

Best Practices for Research Data Management

Get organized and avoid a "data disaster"! This workshop provides basic strategies and best practices for eff ectively managing research data to ensure its organization and accessibility. Topics covered include: funder and journal requirements for data management and sharing, standards for file naming and structure, resourc es for data management planning and sharing, and strategies for storing data during research and preservin g it for the future. Register - [https://www2.hshsl.umaryland.edu/hshsl/workshops/register.cfm?id=1156]

Wednesday Feb. 10

Noon

Writing Data Management Plans with DMPTool

Researchers, do you have an upcoming grant application that requires you to write a data management or d ata sharing plan? Are you striving to maintain well-organized research projects? In this workshop, we will cov er the components of good data management plans with a particular eye toward NIH data sharing requireme nts. Participants will also be introduced to DMPTool, an online platform which provides plan templates and g uidance from most major funders. Additionally, we will be providing participants with time during the worksho p to work on plans for their own projects and ask questions and receive guidance from the instructors. Regist er - [https://www2.hshsl.umaryland.edu/hshsl/workshops/register.cfm?id=1157]

1:00PM – 2:00PM

Open Data Office hours

Meet one on one with the CDABS team to talk about any questions or concerns. We can help with data man

agement challenges, R programming, choosing visualizations, finding data, and developing a sharing strateg y. Get signed up for All of Us Researcher Workbench, create an ORCID ID, or take a tour of our High-Perfor mance Computer. Register - [https://www2.hshsl.umaryland.edu/hshsl/workshops/register.cfm?id=1161]

Thursday Feb 11, Noon

Introduction to GitHub

This online workshop will provide a rich overview of GitHub.com – what it is, why use it, and how. Participant s will take a guided tour of GitHub's main features, including project management, collaboration, and web pu blishing capabilities, and explore the endless amount of code, data, and other projects shared by millions of others on GitHub. The workshop is well suited for researchers working with data or software scripted tasks, a s well as anyone with an interest in GitHub or open source collaboration. Register - [https://www2.hshsl.umaryl and.edu/hshsl/workshops/register.cfm?id=1160]

Friday Feb 12, 11am

Getting Connected to your Data – A Reproducible Workflow for Data Wrangling

Wrangling. Munging. Data Sanitation. These and other names describe an aspect of the data analysis life cy cle typically thought of as boring and unglamorous, but which occupies the majority of time spent during a da ta analysis project. The time you spend in preparing your data for analysis, while crucial, cuts into the time a vailable for using software to produce a visualization, calculate a statistic, or run a favorite machine learning algorithm. The goal of this seminar is to provide a reproducible workflow for performing your own data wrangl ing. I will suggest methods to help you to: 1) get to know your data, 2) cultivate habits that will help you to sp end less time on wrangling, and 3) optimally prepare your data for the output you're interested in producing. Register - [https://www2.hshsl.umaryland.edu/hshsl/workshops/register.cfm?id=1159]

For questions contact Jean-Paul Courneya, Bioinformationist and Amy Yarnell, Data Services Librari an at data@hshsl.umaryland.edu - [mailto:data@hshsl.umaryland.edu] **.**