

Fred Hutch DaSL Summary of Supports

DaSL Year 0 || Jun 7, 2023

Chief Data Officer Responsibilities in Year 0

In May 2022, Fred Hutch hired [Jeff Leek](#) as Chief Data Officer and J Orin Edson Foundation Professor of Biostatistics. Previously, he was a professor of Biostatistics and Oncology at the Johns Hopkins Bloomberg School of Public Health and co-director of the Johns Hopkins Data Science Lab. Dr. Leek's responsibility and funding as CDO in the first year was to identify the data needs of the newly merged Fred Hutch and to design a comprehensive data strategy.

Dr. Leek established the Data Science Lab (DaSL) to work with a large number of groups across Fred Hutch to perform the needs assessment, create resources, train personnel, and coordinate activities to support Fred Hutch personnel.

Fred Hutch Data Program Supports from DaSL

- We completed the comprehensive Fred Hutch data needs assessment:
 - <https://hutchdatascience.org/news/NeedsAssessmentv1/>
- We developed documentation, example language, templates, and an app to support NIH Data Sharing and Management Plan Development in collaboration with Shared Resources.
 - <https://hutchdatascience.org/projects/nihdatasharing/>
 - <https://dmshelper.fredhutch.org/>
- We developed scalable online courses to help our user community with computing in collaboration with our Scientific Computing Group and Shared Resources.
 - https://hutchdatascience.org/FH_WDL101_Cromwell/
 - https://hutchdatascience.org/FH_Cluster_Guide/
 - https://hutchdatascience.org/NIH_Data_Sharing/
- We offered Data House Calls consulting opportunities to answer data science questions in our community:
 - <https://hutchdatascience.org/datahousecalls>
- We built relationships with key donors, board members, and technology partners in collaboration with our Philanthropy and Business Development Departments - and used these relationships to help raise more than \$1M for the Hutch and sign multiple formal partnerships with data and technology companies
 - <https://www.fredhutch.org/en/news/center-news/2023/02/scientists-scale-new-heights-support-cancer-research.html>
- We negotiated a new data exchange agreement with the University of Washington in collaboration with the Information Technology and Legal Departments that merges our clinical and research data exchange, provides for independent governance, and will open the door for more streamlined oncology data research at Fred Hutch.
- We provided ongoing open documentation on data and computing resources at Fred Hutch through the SciWiki:

- <https://sciwiki.fredhutch.org/>
- With our IT department and external partners we launched a clinical data infrastructure project to provide secure, streamlined, and governed access to our patient data for research, clinical, and operations.
- With Enterprise Analytics, OTR, Gateway Analytics, and IT we launched a clinical data governance and analytics project to provide clear guides on how to access, manage, and use clinical data at Fred Hutch.
- We initiated efforts to build and support a hybrid-native data community to improve the lives of data professionals at Fred Hutch through our Slack channel, mailing list, and hybrid events both for Fred Hutch staff and for the broader Seattle data ecosystem in the newly redesigned DaSL lounge created in collaboration with Fred Hutch Facilities:
 - <fhdata.slack.com>
 - <fhdata.substack.com>
 - <meetup.com/seattle-user/>
- We participated in more than one hundred hours of culture and strategy building conversations with the IT Department, the Sloan Precision Oncology Initiative, the Gateway Program, and the Office of Translational Research.

Summary and Next Steps

In Year 0 the DaSL has prioritized identifying key data needs, developing relationships, and initiating culture building for our data community. We have also provided significant support across the center for data projects and laid the groundwork for future community support. We are working on developing a comprehensive data strategy focused on continuing to maximize support for the broad Fred Hutch data community.