



# Translational Research and Information Lab (TRAIL):

Paving the way to better coordinated population health and improved understanding of research data management at one academic health sciences campus

## **University of Washington's Health Sciences Library:**

Tania Bardyn, MLIS, AHIP Associate Dean of Libraries and Director of the Health Sciences Library

Ann Gleason, Associate Director for the Health Sciences Library

Emily Patridge, MLIS, AHIP? Assistant Director of Clinical Research and Data Services, TRAIL Program Manager



# Leadership

- Conversations began Spring 2015
- Idea of a broader approach ~ Summer 2016
- Funding for position & space



Tania Bardyn, MLIS, AHIP  
Associate Dean of University Libraries  
Director of the Health Sciences Library  
Director, NN/LM PNR



Sean D. Mooney, PhD  
Chief Research Information Officer, UW Medicine  
Professor, Department of Biomedical  
Informatics & Medical Education

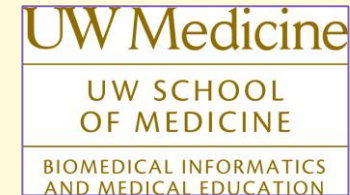


Carlos De La PEÑA, MD, MBA, MHA  
Executive Director  
Institute for Translational Health  
Sciences (ITHS)



# Partners

A collaboration accelerating healthcare research through tools, team science, and applications through four partners:



*\*ITHS is a Clinical and Translational Science Award (CTSA) funded department*



# TRAIL

TRANSLATIONAL RESEARCH  
AND INFORMATION LAB  
*accelerating innovation in health care*



## OBJECTIVES

- Overview
- Partnership
- Initiative space
- Team Science
- Strategic Conversations
- Tools



# TRAIL Staff

## Health Sciences Library:

- Emily Patridge: Assistant Director of CRDS and TRAIL Program Manager
- Ann Gleason, Associate Director
- Adam Garrett, HSL Systems Manager
- Andrea Ball: Care Management and Population Health Librarian
- Frances Chu: Clinical Liaison and Content Librarian
- Deric Ruhl: Linux Administrator, Libraries

## UW Medicine, Research IT:

Bas de Veer, REDCap Lead

## ITHS:

Stacey Long-Genovese, Director of Education



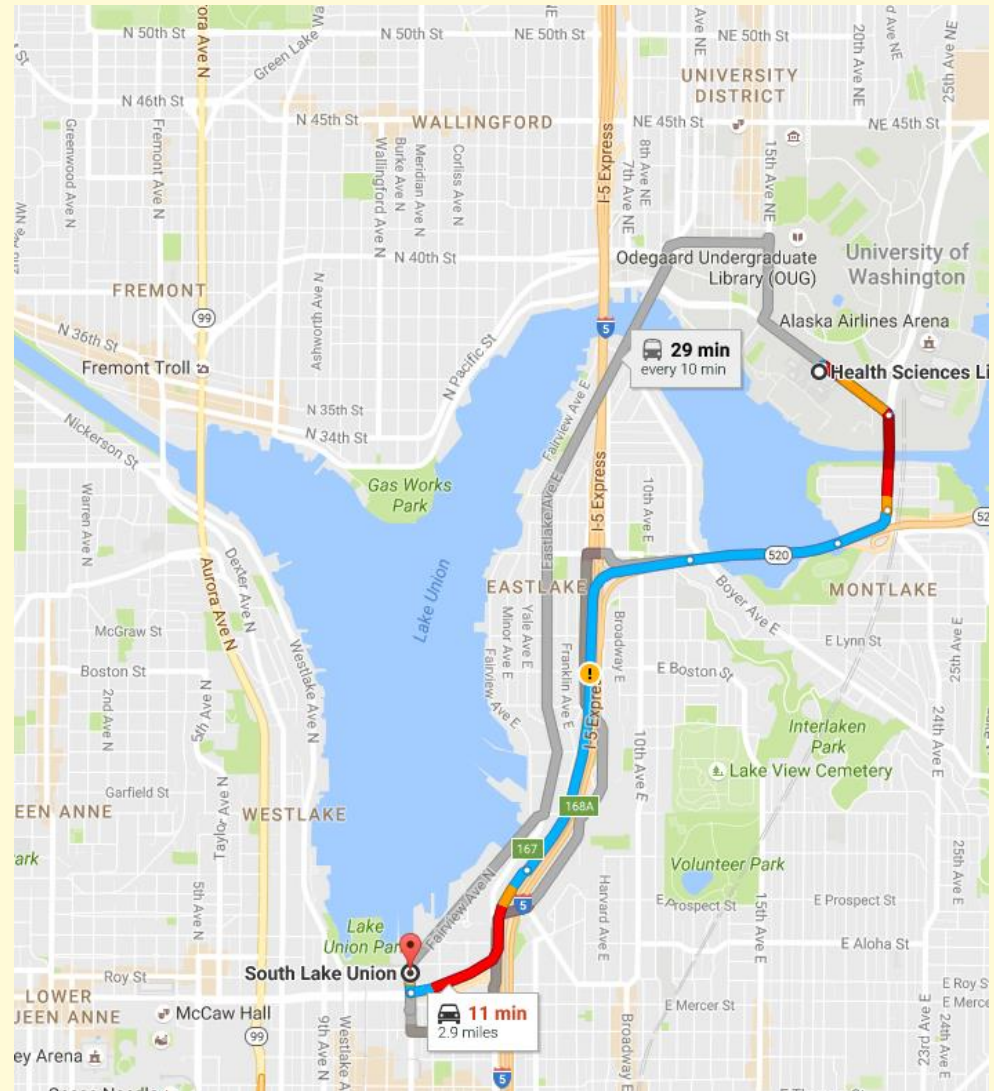
# TRAIL Staff



# Why TRAIL?



- Needed a central location to host training
- Needed a place for investigators
  - Shared cubes
  - Collaborators often in multiple locations



# Framework with Partnerships

- Develop leadership – can be 1 person (project lead) or a team
- Have a project lead
- Develop regular communications for project – meetings or mailing list





# Vision

- **VISION:** TRAIL (Translational Research and Information Lab) is an initiative between the Health Sciences Library (HSL), the Institute of Translational Health Sciences (ITHS), UW Medicine Research Information Technology (RIT), and the Pacific Northwest Region of the National Network of National Libraries of Medicine (PNR) to triage and provide consultations on research data management tools and data visualization.
- **Mission statement:** A collaboration accelerating healthcare research through tools, team science and applications.
- **Guiding Principles:**
  - Collaboration* –All partners provide resources together.
  - Quality* – TRAIL strives to improve investigators’ access to innovation space, research tools and technology to increase productivity.
  - Assessment* – Growth of TRAIL is dependent on assessment, innovation, and evidence of use.
  - Diversity*- TRAIL is an inclusive environment.
  - Education* –Provide education and training to investigators.
  - Access* – Expand access to research tools to increase investigator productivity.

# Year 1

- Provide an **idea incubator space** for health sciences investigators using data and technology.
- Provide UW researchers' **access to tools** and information to facilitate learning, discovery and innovation.
- Promote workshops and conferences to foster **multidisciplinary team science**.

# Library Space as Incubator Space

- Idea Incubator Space – comfortable, compact open-concept space with a data visualization wall
- We converted a space of the library not being used into the idea incubator space
- Construction is UNDER WAY and includes carpet removal, installing new durable flooring, repainting, installing AV equipment, and putting in new furniture



# Before Renovation







# Connecting Librarian Services

Librarians are:

- Stakeholders (Leadership, Project Lead)
- Expert Consultants for the investigators
- Collaborators and learn new tools to add to their toolbox (TRAIL ticketing agents, Data Visualization Wall)
- Connectors and Promoters (Team Science)

# Team Science

- Hosting and organizing webinars, conferences, consultations and incubator space meetings. These will be facilitated by the HSL librarians and presented in the HSL.

*For the purposes of this project, 'team science' is defined as any team-based research involving two or more research groups (even if they are all within the same institution) that aims to result in an academic publication or other research output. Retrieved from <http://www.acmedsci.ac.uk/policy/policy-projects/team-science/> on 10/10/16.*







# Strategic Conversations about Big Data

The **UW Health Sciences Library** and **Research Data Services** are collaborating with the **National Network of Libraries of Medicine/Pacific Northwest Region**, to provide a monthly discussion group focused on issues around Data Science, with a focus on biomedical science. Upcoming topics include Ontologies, Metadata, Provenance, Databases, Social Networking Data, Exploratory Data Analysis, and lots more.

The BD2K Guide  
to the  
Fundamentals of  
Data Science  
Series



# TOOLS

Year One (November 2016-June 2017)





# QUESTIONS?

**Um, yes...I have a question**

