

ASHG 2024 Exhibits & Posters are open from 9:30 am to 4:30 pm from November 6 – 8, 2024

NHLBI ASHG 2024 Exhibit Booth #1126

Wednesday, November 6, 2024

9:30 a.m. – 10:30 a.m.

Office Hours Topics: Data flow, sample flow, dbGaP, institutional certification and access, and the TOPMed Administrative Coordinating Center (ACC)

Julie Mikulla, RN, MSc, MBA

Clinical Trials Specialist

Office of Clinical Research

Division of Cardiovascular Sciences

10:00 a.m. – 11:00 a.m.

Office Hours Topics: NHLBI data science and NHLBI's BioData Catalyst®

Regina Bures, PhD

Data Science Team Lead

Scientific Program Director for BioData Catalyst

11:00 a.m. – 12:00 p.m.

Demonstration: Building a Cohort with TOPMed Data on BDC: Combining Phenotypic and Genomic Data

Presenter: Simran Makwana

Learn how to explore TOPMed studies on BDC by searching the data dictionary, applying filters on participants' phenotypes and genotypes, and preparing the data for analysis.

12:30 p.m. – 1:15 p.m.

Office Hours Topics: Genetics, genomics, TOPMed, data, and AI/ML

Weiniu Gan, PhD

Program Director

Genetics, Genomics, and Advanced Technologies

Division of Lung Diseases

2:00 p.m. – 3:00 p.m.

Ask About Using Data in BDC

Presenter: Simran Makwana

Ask questions about everything data in BDC: Data exploration and data access, cohort building, preparing data for analysis, and using tools to explore and analyze data in BDC. Learn how to join the BDC community, request cloud credits, and sign up for the analysis workspace.

3:00 p.m. – 4:00 p.m.

Office Hours Topics: Opportunities to work with NHLBI cohorts and TOPMed data

Cashell Jaquish, PhD

Program Director

Epidemiology Program

Division of Cardiovascular Sciences

NHLBI ASHG 2024 Exhibit Booth #1126

Thursday, November 7

10:00 a.m. – 11:00 a.m.

Office Hours Topics: NHLBI data science and NHLBI's BioData Catalyst®

Regina Bures, PhD

Data Science Team Lead

Scientific Program Director for BioData Catalyst

11:00 a.m. – 12:00 p.m.

Demonstration: Run a GWAS on BDC

Presenters: Dave Roberson and Cera Fisher

With tools and a user-oriented tutorial in place, BDC can help you start running GWAS immediately. Join us for a walkthrough of some of the tools available and ask questions about using your data.

12:30 p.m. – 1:15 p.m.

Office Hours Topics: Genetics, genomics, TOPMed, data, and AI/ML

Weiniu Gan, PhD

Program Director

Genetics, Genomics, and Advanced Technologies

Division of Lung Diseases

2:00 p.m. – 3:00 p.m.

Ask About Data Sharing and BDC

Presenters: David Beaumont and Ravi Mathur

Get answers to your data-related questions about preparing data for sharing and upload, data modeling and harmonization, and bringing tools and specialized data types to BDC. Learn how data makes its way into BDC (the data journey), the resources and guidance available for sharing data in BDC, the support services available, and the future of automated data upload into BDC.

3:00 p.m. – 4:00 p.m.

Office Hours Topics: Opportunities to work with NHLBI cohorts and TOPMed data

Cashell Jaquish, PhD

Program Director

Epidemiology Program

Division of Cardiovascular Sciences

NHLBI ASHG 2024 Exhibit Booth #1126

Friday, November 8

10:00 a.m. – 11:00 a.m.

Office Hours Topics: TOPMed genetics/genomics, NHLBI longitudinal cohorts, biorepositories, AI/ML, and women's health

Ronit Yarden, PhD, MHSA

Program Director

Epidemiology Branch

Division of Cardiovascular Sciences

11:00 a.m. – 12:00 p.m.

Demonstration: Applied Chest Imaging Platform on BDC

Presenters: Dave Roberson

Access to cloud computing on BDC eliminates barriers to applying neural network-based AI to heart, lung, blood, and sleep research. Join us for a demo of the Applied Chest Imaging Platform from Massachusetts General Hospital to see a live use case, and ask us how to bring AI to your research using BDC.

12:00 p.m. – 1:00 p.m.

Office Hours Topics: Opportunities to work with NHLBI cohorts and TOPMed data

Cashell Jaquish, PhD

Program Director

Epidemiology Program

Division of Cardiovascular Sciences

2:00 p.m. – 3:00 p.m.

Ask About Analysis in the Cloud

Presenters: Dave Roberson

Troubleshoot tasks on BDC's analysis platform, get help finding data, learn how to set up workflows, and explore the ecosystem. Learn how to join the BDC community, request cloud credits, and sign up for the analysis workspace.

2:00 p.m. – 3:00 p.m.

Office Hours Topic: Pediatric cardiovascular genetics

Huiqing Li, MD, PhD

Program Director

Adult and Pediatric Cardiac Research Program

Division of Cardiovascular Sciences