The NCI Office of Data Sharing presents
the Annual Data Sharing Symposium:

Driving Cancer Advances through Impactful Research

October 15 – October 16, 2024

Day 1: Tuesday October 15th, 9:00 AM – 5:00 PM

Time/Location	Session/Speakers
9:00 – 12:30 Masur Auditorium	**Welcome**
	Jaime Guidry Auvil, PhD, Office of Data Sharing, NCI
	Keynote Address
	Adam Resnick, PhD, Children's Hospital of Philadelphia
	Data Sharing in a Learning Health System: Discuss best practices and key challenges of data sharing in a learning health care system, focusing on technology, legal considerations, and collaborative strategies to improve patient care
	Patricia Bright, PhD, Center for Drug Evaluation and Research, FDA
	Catherine Lerro, PhD, Office of the Commissioner, FDA
	Reda Wilson, MPH, Division of Cancer Prevention and Control, CDC
	Data Sharing and Reuse: Showcase exemplary research performed using shared data and highlight features that facilitated its reuse
	Matt Wyczalkowski, PhD, Washington University
	Larry Kushi, ScD, Kaiser Permanente
	Katie Campbell, PhD, Broad Institute, MIT
	Hai Hu, PhD, Chan Soon-Shiong Institute of Molecular Medicine
12:30 – 1:45 FAES Terrace	**Networking:** Meet the Experts from the Office of Data Sharing
	Lunch (on your own): Options available throughout the Clinical Center
1:45 – 3:15 FAES Classrooms	**Focus Groups:** ODS wants to hear from you! Tackle big questions in data sharing with us, breakouts for in-person and virtual attendees
3:30 – 5:00 Masur Auditorium	**Breakout Report Outs:** Learn from a summary of each group discussion

Day 2: Wednesday October 16th, 9:00 AM – 5:00 PM

Time/Location	Session/Speakers

9:00 – 12:00
Masur Auditorium
	Artificial Intelligence in Data Use and Sharing: Highlight how AI is being implemented to support data sharing efforts, and how policy guides the development and use of this technology
	    Juli Klemm, PhD, Center for Strategic Scientific Initiatives, NCI
	    Veerasamy "Ravi" Ravichandran, PhD, Division of Digestive Diseases and Nutrition, NIDDK
	    Ellen Wann, PhD, Scientific Data Sharing Policy Division, NIH
	    Ravi Samala, PhD, Center for Devices and Radiological Health, FDA
	    Sean Mooney, PhD, Center for Information Technology, NIH

	Fireside Chat: Leadership views on NCI data strategy and its impact on the cancer research community

	Introduction to the Joint Session with Cancer Research Data Commons (CRDC): Exploring how technology fits in the data sharing lifecycle
	    Jaime Guidry Auvil, PhD, Office of Data Sharing, NCI
	    Tanja Davidsen, PhD, Informatics and Data Science Program, NCI

12:00 – 2:45 *FAES Terrace*	**Exploring Technology:** In-depth hands-on demonstrations of data sharing resources ❖ *National Childhood Cancer Registry (NCCR) Data Platform* ❖ *NCCR*Explorer & SEER*Stat* ❖ *Childhood Cancer Data Initiative (CCDI) Data Catalog/HUB* ❖ *National Clinical Trials Network (NCTN) Data Archive* ❖ *Index of NCI Studies (INS)* ❖ *The Cancer Imaging Archive (TCIA)* ❖ *International Cancer Research Partnership Database* ❖ *Data Stewardship Best Practices* ❖ *Writing a DMS Plan, Federal Demonstration Partnership (FDP) Charlie Template* ❖ *Evaluating a DMS Plan, NCI DMS Evaluation Support Tool* ❖ *Submitting a Data Access Request (DAR) in dbGaP* ❖ *Registering a Study in dbGaP*
	Lunch (on your own): Options available throughout the Clinical Center
12:00 – 1:00 *Virtual*	**Exploring Technology:** Live virtual demonstrations of data sharing resources ❖ *Generalist Repository Ecosystem Initiative (GREI)* ❖ *Data Curation Network (DCN)* ❖ *Galaxy Project* ❖ *Integrative Genomics Viewer (IGV)* ❖ *Open Health Imaging Foundation (OHIF) Web Image Viewer*

Day 2: Wednesday October 16th, 9:00 AM – 5:00 PM (cont.)

Time/Location	Session/Speakers

1:00 – 5:00
Masur Auditorium
	CRDC: A Decade in the Making to Enhance Data Sharing: Hear about how CRDC is innovating and streamlining CRDC data submission and management to benefit data generators and re-users
	    <u>Structured Data Management for FAIR sharing: CRDC Data Governance and Submission</u>
	    Ina Felau, Informatics and Data Science Program, NCI
	    Durga Addepalli, PhD, Informatics and Data Science Program, NCI
	    <u>From Data to Insight: A Journey through CRDC Resources</u>
	    Heather Creasy, Informatics and Data Science Program, NCI
	    Erin Beck, Informatics and Data Science Program, NCI
	    <u>Data Retention and Sunset: Ensuring Data Accessibility and Integrity</u>
	    Mike Warfe, Informatics and Data Science Program, NCI

	Infrastructure to Support Data Sharing: CRDC as an Exemplar: Discuss the role of CRDC in data sharing, highlighting expectations and lessons learned from the past 10 years
	    Umit Topaloglu, PhD, Informatics and Data Science Program, NCI
	    Erika Kim, PhD, Informatics and Data Science Program, NCI
	    Allison Dennis, PhD, Informatics and Data Science Program, NCI