

Feb 27, Thomas Klumpp, BRIDG Harmonized Cancer Research Information System



A major barrier to the conduct of biomedical research is how difficult it is to share biomedical research data, both within and between institutions. Data located in different data repositories are almost always organized, categorized, and represented in different ways. This problem has been referred to as "the Chasm of Semantic Despair." In an attempt to address this problem, the Cancer Informatics group at the NCI, in collaboration with their colleagues at the FDA, ISO, HL7, and CDISC, developed a new international standard data model for biomedical research called the Biomedical Research Integrated Domain Group (BRIDG) model. The purpose of the BRIDG model is to "bridge" the large number of Chasms of Semantic despair that exist both within and between academic medical centers, pharmaceutical companies, and government regulators. The Sidney Kimmel Cancer Center at Thomas Jefferson University in Philadelphia, has successfully designed and implemented a cancer research information system based on the NCI-BRIDG model. In this talk, Dr. Klumpp will describe how the BRIDG model has been implemented in the cancer research information system at Thomas Jefferson and the benefits of such an integrated system.

[Session details...](#)

BIO:

SUMMARY:

Topic: Design and Implementation of a Multipurpose BRIDG-Harmonized Cancer Research Information System

Speaker: Thomas Klumpp, M.D., Professor of Medical Oncology, Medical Director, Cancer Informatics Data Systems Group, Thomas Jefferson University Medical Center, Statistical Analysis Systems (SAS) Certified Professional, Version 8

Date: February 27, 2019

Time: 11:00 a.m. – 12:00 p.m.

You are invited to listen to Dr. Klumpp's presentation in the NCI Shady Grove Building on Medical Center Drive or via WebEx. **Dr. Klumpp will present in person at Shady Grove.**

Presentation: A screencast of the presentation will be available for viewing after the event on the [NCI CBIIT Speaker Series YouTube Playlist](#).

About the NCI CBIIT Speaker Series:

The National Cancer Institute (NCI) Center for Biomedical Informatics and Information Technology (CBIIT) Speaker Series presents talks from innovators in the research and informatics communities. The biweekly presentations allow thought leaders to share their work and discuss trends across a diverse set of domains and interests. The goals of the Speaker Series are: to share leading-edge research; to inform the community of new tools, trends, and ideas; to inspire innovation, and to provide a forum from which new collaborations can begin. For additional information, including past speaker series presentations, visit the [CBIIT Speaker Series page](#).

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