

Clinical **i**nformatics Grand Rounds

Webinar September 4th, 2025

12 pm PT / 3 pm ET

“Charting a Bold New Path Forward Towards More Meaningful and Sustainable Population-based Cancer Registries”



Dr. Eric Durbin, DrPH, MS

Associate Professor, Division of Biomedical Informatics

University of Kentucky College of Medicine

Director, Cancer Research Informatics,

Markey Comprehensive Cancer Center

Director, Kentucky Cancer Registry

President, NAACCR

(North American Association of Central Cancer Registries)

Abstract: Due to recent funding challenges, there may be no better time to re-envision how we conduct population-based cancer surveillance. It is widely recognized that heavy reliance on manual data curation may no longer be sustainable, so there is an urgent need to modernize the approach to cancer registry data capture. Transforming population surveillance programs to become more efficient, nimble, and resilient, while broadening the scope and value of registry data for public health, research, and clinical care will be essential for high quality cancer surveillance in North America to continue.

Dr. Durbin will provide an overview of current cancer registry operations and will present a vision for transformative change. Four key areas will be addressed, including 1) revisions to the NAACCR data model; 2) advancing automated data capture directly from electronic health records; 3) developing and deploying AI methods to assist in the abstraction and processing of cancer registry data; and 4) supporting increased interoperability with standards such as the Observational Medical Outcomes Partnership (OMOP), as a means to attract registry support through private/public partnerships.

> Events Calendar with Zoom Links <

Clinical **i**nformatics Grand Rounds



Cancer Clinical Informatics Grand Rounds (CiGR): Serves as a platform for knowledge exchange, fostering collaboration, and advancing the use of clinical informatics to improve cancer care, elevate patient outcomes, and support translational research and biomarker discovery. The goal is to highlight applied informatics practices, tools, and methodologies that benefit cancer patients, offering a space for in-depth discussions on key topics in the field.

Scope: The Cancer Clinical Informatics Grand Rounds Series, held monthly on the first Thursday, focuses on the intersection of clinical informatics and cancer care. This series covers a wide range of topics in Artificial Intelligence, Data Science, Technology, and Clinical Applications specifically tailored to oncology. It provides a dedicated forum for discussing advancements, challenges, and innovative informatics and data science strategies essential for enhancing cancer research, diagnosis, treatment, and, ultimately, patient outcomes.



>> **CiGR Monthly Webinar Schedule** <<