OSF HEALTHCARE

ANNUAL RESEARCH SYMPOSIUM 2022

Unity through Diversity:
Securing Tomorrow through Collaboration, Investigation, and Innovation

Wednesday, May 4, 2022

Jump Trading Simulation & Education Center
1306 N. Berkeley Ave., Peoria, Illinois

Keynote speaker - Tamiko Eto, MS, CIP

"Conducting an Effective IRB Review of Artificial Intelligence Human Subjects Research (AI HSR)"

Target Audience: Physician and non-physician scientists/investigators, research support personnel, and those interested in research

Purpose/Objectives: Describe and explain processes and strategies for protecting human subjects through examples of responsible conduct of research. Explore use of big data for research within our research enterprise as well as strategies to implement our research findings. Provide professional development for members of research teams, including novice and seasoned investigators.

OSF HEALTHCARE

THE UNIVERSITY OF ILLINOIS COLLEGE OF MEDICINE
PEORIA CHICAGO ROCKFORD URBANA

ANNUAL RESEARCH SYMPOSIUM AGENDA

Unity through Diversity: *Securing Tomorrow through Collaboration, Investigation, and Innovation*

7:30 a.m.	Registration begins
7:45 a.m.	Posters staffed for viewing, discussion, collaboration
9:15 a.m.	Welcome address Prayer Opening address
9:30 a.m.	Selected platform presentations
10:30 a.m.	***"Conducting an Effective IRB Review of Artificial Intelligence Human Subjects Research (AI HSR)"*** Keynote speaker – Tamiko Eto, MS, CIP; Manager, Division of Research, IRB Support Services & Research Compliance, Kaiser Permanente Northern California
11:30 a.m.	Awards ceremony
11:45 a.m.	Closing comments
Noon	Adjourn

ABOUT THE KEYNOTE SPEAKER

Tamiko Eto, MS, CIP

Manager, Division of Research,
IRB Support Services & Research Compliance, Kaiser Permanente Northern California

Tamiko has over 17 years of experience in human subject research protections and manages research compliance at the Division of Research at The Permanente Medical Group (TPMG), providing administrative leadership in technology risk assessments, data sharing and material transfer agreements, and IRB review. The TPMG research portfolio is composed of over 5 million patient/members and a large profile of AI-related research projects. This AI research primarily involves innovative FDA-regulated software as a medical device and clinical decision support tools. Prior to that, Tamiko served as acting Director at Stanford Research Institute's (SRI) Office of Research Integrity and chair of the IRB, where she performed scientific reviews, policy interpretations and the development of government-driven AI-related projects. She has now leveraged her experience to implement regulatory policies to health care research projects that delve into AI research. Moreover, Tamiko works closely with AI researchers and regulatory bodies in addressing ethical and regulatory challenges related to AI and novel technologies. To facilitate researchers and IRB professionals across the US she has developed tools and checklists for IRBs to use in their review of AI research. Developing these tools, she also actively collaborates on research to be at the forefront of developing an ethical and regulatory framework for research involving human Subjects.