NATIONAL ACADEMIES
Sciences
Engineering
Medicine

AGENDA

Committee on Pathways to Doctoral Degrees in Computing

Meeting 10
August 22, 2023 @ 12-2pm
Virtual
https://nasem.zoom.us/j/98219187806?pwd=WDFWaXpkTo9Mckxady82aUYzNnFMUTo9

MEETING OBJECTIVES

- Discuss graduate admissions practices, recruitment, and retention in information science doctoral programs
- Continue writing process, including discussion of findings and recommendations

Friday, June 9, 2023

OPEN SESSION

12:00 pm   Panel on Information Science (iSchool) PhD Programs
→ Anind Dey, University of Washington
→ Elizabeth Yakel, University of Michigan

CLOSED SESSION

1 pm   Committee Discussion
→ Charles Isbell, Co-Chair
→ Maria Klawe, Co-Chair

2:00 pm   Adjourn Meeting

SPEAKER BIOGRAPHIES

Anind K. Dey is a Professor and Dean of the Information School and Adjunct Professor in the Department of Human-Centered Design and Engineering. Anind is renowned for his early work in context-aware computing, an important theme in modern computing, where computational processes are aware of the context in which they operate and can adapt appropriately to that context. His research is at the intersection of human-computer interaction, machine learning, and ubiquitous computing. For the past few years, Anind has focused on passively collecting large amounts of data about how people interact with their phones and the objects around them, to use for producing detection and classification models for human behaviors of interest. He applies a human-centered and problem-based approach through a collaboration with an amazing collection of domain experts in areas of substance abuse (alcohol, marijuana, opioids), mental health, driving and transportation needs, smart spaces, sustainability, and education. Anind was inducted into the ACM SIGCHI Academy for his significant contributions to the field of human-computer interaction in 2015.

Elizabeth Yakel, Ph.D. is Interim Dean and C. Olivia Frost Collegiate Professor of Information at the University of Michigan School of Information. Her research interests include digital archives and curation specifically data reuse; teaching with primary sources; and the development of standardized metrics to enhance repository processes and the user experience. Professor Yakel is currently a co-PI on two research projects. The first, "Measuring and Improving the Efficacy of Curation Activities in Data Archives," funded by the Institute for Museum and Library Services, investigates how curatorial actions impact the reuse of digital collection. The second, "Developing Evidence-based Data Sharing and Archiving Policies," funded by the National Science Foundation, answers three key questions: How can data repositories best allocate their limited resources for different aspects of data archiving and processing? What is the most effective way of making data usable by the broadest audience? What data sharing policies most effectively achieve stakeholders' transparency and innovation goals?