BIG PRIVACY: POLICY MEETS DATA SCIENCE

October 18, 2016
1:00 PM – 4:30 PM
Discovery Building on the UW-Madison Campus
DeLuca Forum

1:00  Welcome

1:10  Privacy Preserving Federated Biomedical Data Analysis
Dr. Xiaoqian Jiang
Department of Biomedical Informatics
UC San Diego

1:55  Privacy is an Essentially Contested Concept: A Multidimensional Analytic for Mapping Privacy
Dr. Deirdre Mulligan
School of Information and Berkeley Center for Law & Technology
UC Berkeley

2:40  Break

2:55  Proving that Programs Do Not Discriminate
Dr. Aws Al barghouthi
Computer Sciences Department
University of Wisconsin–Madison

3:40  Panel Discussion
Xia qian Jiang, Deidre Mulligan, Aws Al barghouthi

Dr. Peggy Peissig
Biomedical Informatics Research Center
Marshfield Clinic Research Foundation

Dr. Pilar Ossario
Law and Bioethics and the Department of Medical History and Bioethics
University of Wisconsin-Madison
Dr. Xiaoqian Jiang is an Assistant Professor in the Department of Biomedical Informatics at the University of California San Diego. He received his PhD in Computer Science from Carnegie Mellon University. He is an associate editor of BMC Medical Informatics and Decision Making and serves as an editorial board member of Journal of American Medical Informatics Association. He works primarily in health data privacy and predictive models in biomedicine.

Dr. Deirdre Mulligan is an Associate Professor in the School of Information at UC Berkeley, a faculty co-Director of the Berkeley Center for Law & Technology, and a PI on the new Hewlett funded Berkeley Center for Long-Term Cybersecurity. She received her JD from Georgetown University Law Center. Her research explores legal and technical means of protecting values such as privacy, freedom of expression, and fairness in emerging technical systems.

Dr. Aws Albarghouthi is an Assistant Professor in Computer Science at the University of Wisconsin-Madison. He received his PhD from the University of Toronto. His research focuses on tools and techniques for aiding in the development of reliable software. Recently, he has been exploring the question of reasoning about fairness in decision-making programs.

Dr. Peggy Peissig is the Director of the Biomedical Informatics Research Center at the Marshfield Clinic Research Foundation. She received her PhD from UW-Madison. Her primary research areas include electronic health record (EHR) phenotyping, pharmaco-genetics and adverse drug event prediction and surveillance.

Dr. Pilar Ossorio is Professor of Law and Bioethics in the Law School and the Department of Medical History and Bioethics at the UW-Madison. She is also the Ethics Scholar-in-Residence at the Morgridge Institute for Research. She received her PhD in Microbiology and Immunology from Stanford University and her JD from the University of California at Berkeley School of Law. Her research interests revolve around research ethics and the protection of research participants.

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