Leveraging Big Data in Support of Outcomes Research: A Community Focus on the Potential for Medicine and Medical Imaging

Mark your calendars for Leveraging Big Data in Support of Outcomes Research: A Community Focus on the Potential for Medicine and Medical Imaging, a conference sponsored by the University of Maryland Center of Excellence in Regulatory Science and Innovation, the National Science Foundation's Center for Hybrid Multicore Productivity Research, and the Department of Information Systems at the University of Maryland, Baltimore County.

Leveraging Big Data in Support of Outcomes Research: A Community Focus on the Potential for Medicine and Medical Imaging will be held on **Thursday, September 12, 2013** in the Albin O. Kuhn Library and Gallery's Presidents Conference Room at the University of Maryland, Baltimore County (UMBC), located at 1000 Hilltop Circle in Baltimore, MD. It will bring together experts from academia, government, and industry to share recent experiences in "big data" health outcomes research and identify candidate opportunities for collaborative projects.

For more information, please visit www.pharmacy.umaryland.edu/bigdata.

Registering by mail? Please detach this form and submit it to the address below. All participants can also register online at www.pharmacy.umaryland.edu/bigdata.

Leveraging Big Data in Support of Outcomes Research: A Community Focus on the Potential for Medicine and Medical Imaging

University of Maryland School of Pharmacy
Attn: Sharese Essien
20 Penn Street
HSF II, Room 518
Baltimore, MD 21201

Please provide the following information:

_____
Name

_____
Address

_____
Phone

_____
Email

_____
Title and Company/School/Agency

Please indicate highest degree obtained:

☐ High School ☐ Master's Degree
☐ Bachelor's Degree ☐ Doctorate

Please indicate which category best describes you:

☐ Faculty, Staff, Student from the University of Maryland Baltimore, Baltimore County, or College Park Campus (FREE)
☐ M-CERSI Industrial Consortia Members (FREE)
☐ Federal Government Employees (FREE)
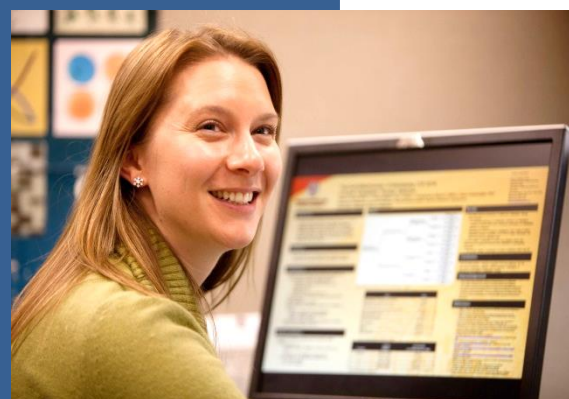☐ Other Participant (FREE)

M-CERSI

University of Maryland Center of Excellence in Regulatory Science and Innovation
Science that speeds health innovation

CONFERENCE AGENDA

September 12, 2013

10:00-10:15 a.m.
Opening Remarks/Welcome
Eliot Siegel, MD
Vice Chair, Radiology
University of Maryland School of Medicine

10:15-10:30 a.m.
National Science Foundation's Center for Hybrid
Multicore Productivity Research
Yelena Yesha, PhD
Professor of Computer Science
University of Maryland, Baltimore County

10:30 -10:50 p.m.
Advanced Health Care Analytics: A Case Study
Aryya Gangopadhyay, PhD
Chair, Department of Information Systems
University of Maryland, Baltimore County

10:50-11:10 a.m.
Food and Drug Administration's Center of Excellence
in Regulatory Science and Innovation (CERSI)
Ross Filice, MD
CERSI Program Lead
Food and Drug Administration

11:10-11:30 a.m.
Food and Drug Administration's Sentinel Initiative
Marsha Reichman, MD
CDER Lead for Implementation of Sentinel
Food and Drug Administration

11:30-11:50 a.m.
Food and Drug Administration's Collaboration with
the Centers for Medicare & Medicaid Services
Sukhminder Sandhu, PhD
Office of Biostatistics and Epidemiology
Food and Drug Administration

11:50-12:50 p.m.
Lunch is Served

12:50-1:40 p.m.
Experience Mining the World's Most Comprehensive
Health Record Dataset
Scott DuVall, PhD
Associate Director, VINCI
VA, Salt Lake City

1:40-2:00 p.m.
Machine Learning and VINCI
Mike Grasso, MD, PhD
Assistant Professor of Emergency Medicine
University of Maryland School of Medicine

2:00-3:00 p.m.
Moderated Open Discussion: Opportunities for
Collaborative Projects
Moderators: Eliot Siegel and Ross Filice
Refreshments will be served.

Leveraging Big Data in Support of Outcomes Research: A Community Focus on the Potential for Medicine and Medical Imaging