

NSF Workshop on Big Data and Urban Informatics: e-Infrastructure for Urban Social Science Research

Organizing Committee

Piyushimita Thakuria (Vonu), *Workshop Chair*, University of Glasgow, UK
Nebiyu Tilahun, *Co-Chair*, University of Illinois at Chicago
Moira Zellner, *Co-Chair*, University of Illinois at Chicago
Harvey Miller, University of Utah
Glenn Geers, National ICT of Australia, Sydney, Australia

Dates: March 28 (Thursday) and March 29 (Friday), 2013

Emergency Contact: +1-312-961-1906 (Vonu's mobile phone)

Location: University of Illinois at Chicago
UIC Student Center East
White Oaks Rooms
3rd Floor Conference Center
750 S Halsted St, Chicago, IL 60607

Schedule and Agenda **DRAFT (Final version will be sent by Monday, March 25)**

Day 1 – Thursday, March 28, 2013

8:30 AM: For those staying in the Crowne Plaza Hotel, meet Dan Milz from UIC in the lobby who will escort you to the workshop venue

8:50-9:15 AM: *Breakfast in workshop venue and informal interactions*

9:20-9:40 AM: Introduction and objectives of workshop (Vonu Thakuria)

9:40-9:45 AM: Workshop logistics (Nina Savar)

9:45-10:30 AM: Introductions and brief (2-minute) description of your interests regarding Big Data and Urban Informatics

10:30-10:45 AM: *Coffee Break*

10:45-11:40 AM: 5-minute "lightning" presentations by attendees (**titles are tentative**)

11:00-11:05 AM: The LEHD Program and Synthetic Data: Jeremy Wu (confirmed)

11:05-11:10 AM: City of Chicago Open Data Activities: John Tolva (invited)

11:10-11:15 AM: Data Driven Modeling: Shashi Shekhar (invited)

11:15-11:20 AM: Big Data Urban Modeling Opportunities: David Levinson (invited)

11:20-11:25 AM: Public Participation and Civic Engagement Aspects: Laxmi Ramaubramanian (confirmed)

11:25 to 11:40 AM: Discussions and Q&A

11:45 – 12:15 PM: Setting research directions regarding Big Data and Urban Informatics: solicitation of ideas on research questions and uses from “e-infrastructure for social science research for Urban Informatics” using Big Data: Guided discussion to be led by Vonu

12:15- 1:00 PM – Lunch

1:15 PM-1:45 PM: 5-minute “lightning” presentations by attendees (**titles are tentative**)

1:15-1:20 PM: What’s involved in building an e-infrastructure: examples from Oak Ridge: Budhu Bhaduri (invited)

1:20-1:25 PM: Big Data: perspectives from the world of surveys and sampling: Tim Johnson (confirmed)

1:25-1:30 PM: SMART and Big Data: an end-user’s perspective: Sue Zielneski (confirmed)

1:30-1:35 PM: What is needed for planning in cities? Steven French (confirmed)

1:35-1:45 PM: Discussions and Q&A

1:50– 3:30 PM: Three concurrent roundtables:

Roundtable 1: *Discussions on Urban Informatics models and tools necessary to meet future research*

Roundtable Chair: Joe Grengs

General Roundtable Rapporteur: Shashi Shekhar

CFW and Journal Special Issues Ideas Reporter: Glenn Geers

Roundtable Student Rapporteur: Yaye Keita-Mallon

Roundtable 2: *Discussions on data resource e-infrastructure development and technologies for such data integration*

Roundtable Chair: Yingling Fan

General Roundtable Rapporteur: Harvey Miller

CFW and Journal Special Issues Ideas Reporter: Zipei Tu

Roundtable Student Rapporteur: Moyin Li

Roundtable 3: *Discussions on emerging social science research relating to UI and application areas*

Roundtable Chair: Jochen Albrecht

General Roundtable Rapporteur: Jane Lin

CFW and Journal Special Issues Ideas Reporter: David Levinson

Roundtable Student Rapporteur: Dan Milz

3:30-3:45 PM: *Break*

3:45 PM-5:00 PM: Group reports by group chairs. Coordinated by Glenn Geers

6:30 PM: *Dinner at the Parthenon, 314 S. Halsted St (the restaurant is the Chicago Greektown between the workshop venue and the hotel, along Halsted Street) (although their motto is “Dine Like Gods”, we could turn it into “Dine Like Geeks” for the evening!)*

Day 2 – Friday, March 29, 2013

8:30 AM: Meet in hotel lobby

8:50-9:10 AM: *Breakfast at workshop venue*

9:10-9:25 AM: Cross-fertilization of group reports and discussions around overall workshop objectives – Led by Vonu

9:25-10:45 AM: Group discussion on research directions - implications for methods, processes, strategies, outreach for research – decadal-scale research questions: Led by Harvey Miller and Glenn Geers.

10:45-11:00 AM: *Break*

11:00-12:00 PM: Plans for second workshop. Develop Call for Papers, plans for dissemination of announcement and recruitment. Led by Nebiyou Tilahun

12:00– 12:45 PM: *Lunch*

12:45-2:00 PM: Future project development ideas, future conferences, journal special issues. Led by Moira Zellner.

2:00–2:30 PM: Wrap-up. Vonu

Confirmed List of Attendees

Thakuriah, Piyushimita (Vonu) *Workshop Chair*, Department of Urban Studies and School of Engineering, University of Glasgow, UK

Tilahun, Nebiyou *Co-Chair*, Department of Urban Planning and Policy, University of Illinois at Chicago

Zellner, Moira *Co-Chair*, Department of Urban Planning and Policy, University of Illinois at Chicago

Albrecht, Jochen, Department of Geography, Hunter College

Bhaduri, Budhudendra Geographic Information Science and Technology Group, Oak Ridge National Labs

Dieber, Max, University of Illinois at Chicago

Dirks, Lise University of Illinois at Chicago

Fan, Yingling Humphrey Institute of Public Policy, University of Minnesota

French, Steven Department of City and Regional Planning, Georgia Tech

Geers, Glenn National ICT of Australia, Sydney, Australia

Grengs, Joe Urban and Regional Planning, University of Michigan

Hoereth, Joe Institute for Policy and Civic Engagement, UIC

Johnson, Timothy Department of Public Administration and Survey Research Lab, UIC

Levinson, David Department of Civil Engineering, University of Minnesota

Lin, Jane Department of Civil and Materials Engineering, UIC

Miller, Harvey Department of Geography, University of Utah

Page, Scott Departments of Economics and Political Science and Center for the Study of Complex Systems, University of Michigan (via Skype)

Ramasubramaniam, Laxmi Urban Studies Program, Hunter College, New York

Shekhar, Shashi Department of Computer Science, University of Minnesota

Tolva, John Chief Technology Officer, City of Chicago (tentative or partial attendance)

Tu, Zipei Director of Asia Pacific Area, KIT Solutions, LLC

Wu, Jeremy Private consultant (formerly Director of LEHD program in U.S. Census Bureau), Washington, D.C.

Zielinski, Sue Project SMART, University of Michigan

Student Attendees

Keita-Mallon, Yaye: PhD candidate, UIC

Li, Moyin: PhD candidate, UIC

Milz, Dan: PhD candidate, UIC