CYBER SOCIAL LEARNING SYSTEMS

Workshop #2
MODIFIED AGENDA DAY 2

• 8:30  Brief Overview/Charge to the Group
• 9:00  Group Report Writing
• 10:45 BREAK
• 11:00 Group Check-in
• 12:00 LUNCH
• 1:00  Group Report Writing
• 2:00  Reverse Engineering Panel
• 3:00  Closing Panel
**CSLS BUILDING BLOCKS**

**Data**
- “Massive data”
- New data
- Situational awareness
- Radical transparency
- Learn from diversity
- Security / liquidity

**Socio-technical modules**
- Reusable pipelines
- Boundary objects
- Governors / stabilizer
- Architecture / platforms

**Interventions**
- Personalized / precision ...
- Scales
- Generalizable knowledge
- Continuous improvement

**Testbeds**
- Outcome measures
- “Safe” environments
- Engaging systems

**Governance**
- Everyone is a participant
  - (e.g. citizen scientist)
- Virtual town hall
  - Conflict management resolution
- Scalability
- Trust / literacy
GROUP REPORT WRITING

1. What are the BIG GOALS for your domain?
2. Using the BIG GOALS, draft 2-3 research proposal summaries that include:
   – Overview of Problem to be Solved
   – Intended Approach
   – Potential Research Team
   – Methods to be used
   – Data to be collected
   – Broader Impacts
   – Scientific Contributions
3. Address the capabilities needed for your BIG GOALS within the proposal summary
EDUCATION DOMAIN PANEL

- Britte Cheng
- George Siemens
- Carolyn Rose
CITIES DOMAIN PANEL

- Jennifer Clark
- William Griswold
- Sam Scarpino
HEALTH DOMAIN PANEL

- William Stead
- John Mattison (via skype)
- Brad Hesse
SMALL GROUP DISCUSSIONS

1. What should be the specific goals for transformational (not incremental) progress, attainable through CSLS, in your group's assigned domain?

2. What capabilities of CSLS will be absolutely essential to reaching these goals?