

# CYBER SOCIAL LEARNING SYSTEMS

*Workshop #2*



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# 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



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# 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



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# EDUCATION DOMAIN PANEL

- **Britte Cheng**
- **George Siemens**
- **Carolyn Rose**



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# CITIES DOMAIN PANEL

- **Jennifer Clark**
- **William Griswold**
- **Sam Scarpino**



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# HEALTH DOMAIN PANEL

- **William Stead**
- **John Mattison (via skype)**
- **Brad Hesse**



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# 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?**



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# BREAKOUT REPORTS



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