



"Raising Questions: Teaching STEM and Social Issues"

Wednesday, July 9

- 10:00 - 10:20 am **Greeting, Introductions, Brief on Workshop Activities**
- Cinderella Lounge, Shimer College
- 10:20 - 10:50 **Raising Questions: Socratic and Scientific method in Plato's *Meno***
- Cinderella Lounge
Reading: Plato, *The Meno*
- 10:50 - 11:00 **Break**
- 11:00 - 12:00 **Breakout Discussions on Socratic and Scientific Methods**
- Classrooms
Reading: Plato, *The Meno*
- 12:00 - 12:15 pm **Reflections from Breakout Sessions**
Cinderella Lounge
- 12:15 - 1:00 Lunch
- 1:00 - 2:30 **Technology and Society**
- Cinderella Lounge and Classrooms
Readings: Hogan, "Facebook Data Storage Centers as the Archive's Underbelly"; Michael, "Beyond Human: Lifelogging and Life Extension" and "For Now We See Through a Glass, Darkly"; Conan Doyle, "When the World Screamed"
- 2:30 - 3:00 **Wrap Up Reflections First Day Workshop**
- Cinderella Lounge
- 3:15 - 4:00 **Visit the Boeing Scholars Academy Activity "The Mercury Game"**
- Place TBD

Wednesday, July 16

- 10:00 - 10:10 am **Greeting, Briefing on Agenda**
- Cinderella Lounge
- 10:10 - 11:00 **Breakout Discussions on "Frankenstein and Human Engineering"**
- Classrooms
Readings: Mary Shelley, *Frankenstein* (excerpt); Luigi Galvani, "The Effect of Electricity on Muscular Motion"
- 11:00 - 11:10 **Break**
- 11:10 - 11:30 **Reflections from Breakout Discussions on Frankenstein and Human Engineering**
- Cinderella Lounge
- 11:30 - 12:20 pm **Breakout Sessions on "How and Why to Build the Bomb"**
- Classrooms
- Meitner and Delbrück, "The Structure of the Atomic Nucleus"; Meitner and Frisch, "Disintegration of Uranium by Neutrons: A New Type of Nuclear Reaction"; Westgreen, "Presentation Speech on Nobel Prize in Chemistry for Otto Hahn, 1944"; Rife, "The Atomic Bomb, a Trip to Washington, and the Nobel Prize Controversy: 1945-1946"; Arendt, "The Question of War."
- 12:20 - 1:10 **Lunch**
- 1:10 - 2:30 **Reflections from Breakout Discussions on "How and Why to Build a Bomb"**
- Cinderella Lounge
- 2:30 - 2:40 **Break**
- 2:40 - 3:30 **Classroom Materials and Methods: Primary Sources and Discussion-based Pedagogy**
- Cinderella Lounge
- 3:30 - 4:00 **Wrap up Discussion, Preview of long-term Evaluation Plans, Completion of Post-Workshop Evaluation and Survey**
- Cinderella Lounge

Fall 2014 Workshop Follow-up Discussion

- Time and Day TBD **Evening session with participants to discuss outcomes from "Raising Questions" workshop**
- Cinderella Lounge