Breakout Group D Monday Afternoon Presentation

**Human Factors RESEARCH AREAS**

- Observational studies and research to optimize workflow in the medical workplace. (hospitals, MD's offices, clinics, rehabs, preventative care etc.) and optimize design of systems that support efficient workflow and handoffs

- How to design communities that cause social change in healthcare improvement

- Automatic data collection where possible to avoid need for data entry

- Support task management of healthcare delivery

- Develop standardized patient data sets for research, comparative effectiveness, display, internal improvements, and handoffs.

- Develop an open source model for all areas of healthcare.

- Compare usability of existing and alternative user interface technology to improve all levels of the healthcare experience.

- Evaluate tradeoff of customization vs. standardization

- Creating a culture of improvement – empowering all levels of workforce and patients themselves. Perhaps develop better communities.

Create better communities of health in school systems, companies, and communities, including, food available, exercise opportunities.