

Computational Social Science

- An emerging field that utilizes large repositories of data in order to gain a much deeper and comprehensive understanding of phenomena in the social sciences
 - (Lazer et al., 2010)
- Allows for a deeper understanding of multiteam systems, virtual organizations, other organizational phenomena
- Utilizes **Big Data**: For example...
 - Large digital trace repositories
 - Data from sensors
 - Crowdsourcing online communities
 - Big data in digitally-enabled social science laboratories

Research Coordination Network on: Leveraging Computational Social Science for Understanding Virtual Organizations

- Build the CSSeVOR community
 - Create new connections and strengthen existing connections to form a community around VO
 - Train young socio-technical scholars to address today's cross-disciplinary research challenges
- Create capacity needed for a CSS approach within the virtual organization research community
 - Engage interdisciplinary scientists interested in both “social” and “technical” aspects of VO effectiveness
 - Build the infrastructure needed to tackle the challenges of utilizing big data, and to set up the necessary conditions for big-data enabled social science research to thrive