One of my research interests is how collaborative analytic experience can be enhanced with technology. In this course, we will use CAnalytics, a system that supports collaborative information analysis, to practice analytic strategies and solve intelligence problems.

One of the key reasons I like to use this kind of technology in my classes is that I have found students have difficulty in effectively dealing with various sources of data and staying aware of group members’ activities.

**Human Participants Research - Implied Consent Form for Social Science Research**

We will use CAnalytics as part of the course, but I am also studying the utility of these analytic tools for teaching and learning. Accordingly, I invite you to be part of a research study of the utility of these tools.

**Title of Project:** Tool Support for Collaborative Information Analysis (PSU IRB Protocol ID #3072)  
  
**Principal Investigator:** John M. Carroll  
  
**1. Purpose of the study:** The purpose of this Penn State research study is to better understand whether, and if so, how CAnalytics improves students' collaborative analytic experiences and/or improve students' performance with respect to analytic thinking about intelligence analysis.  
  
**2. Procedures to be followed:** We will use CAnalytics for two weeks as part of the course.  I will gather your feedback through questionnaires. These procedures are part of the course. There are no additional procedures, that is, there is nothing you will need to do as part of the "study" that you would not do as part of the "course".  
  
**3. Duration/Time:** Participating in the study will require no additional time beyond participating in the course.  
  
**4. Statement of Confidentiality:** Your participation in this research is confidential. In the event of any publication or presentation resulting from the research, no personally identifiable information will be shared. (Indeed, information about your participation in the course is confidential even if you choose not to participate in the research study.)  
  
**5. Right To Ask Questions:** If you have any questions or concerns about the study please contact the instructor (Luke Zhang)  
  
**6. Voluntary Participation:** Your decision to participate in the study is voluntary. You can stop at any time by notifying the Principal Investigator. (Note that "not participating in the study" in this context means you do all the same things that students who are participating in the study will do, however, your activity will not be considered research data.)  
  
The class discussion of this informed consent form implies that you have read the information in this form and consent to take part in the research study. Please print this page for your records or for future reference.