# 36-315 Final Project

We have a number of important data sources on residents of the United States: the 2000 and 2010 United States Census, and the 2011 American Community Survey. In particular, we have data at the block group level of specificity, which is sufficiently geographically detailed for you to make a number of high-level observations.

The first two data sources are available to you already. A subset of the third, including a script to integrate it into the 2010 geometric data, is available on Blackboard. You have already been assigned your groups and your cities of interest – if you have yet to meet with your groups, please do so immediately.

Your assignment is to examine the distribution of population characteristics across your metropolitan area of interest. Consider two key comparisons of interest:

- **How does the population distribution compare over time, from 2000 to 2010, particularly by race?**

- **How do characteristics like age and income correlate to population distribution and race in 2010?**

You should produce a series of roughly 10 graphs, with titles, labels, captions and explanations in two formats:

1. A 10-minute presentation, given by the full group, on Wednesday May 1 or Friday May 3. The materials must be presented as a website and displayed sequentially as your group explains each graph. Your presentation should include your graphs only, not your explanatory captions, though this should still be a component of your presentation materials. You should schedule 8 minutes for telling your story

   You must submit this by Wednesday May 1 at 10:00 AM – presentation slots will be assigned randomly on the morning of May 1.

2. A final report, based on the same website, that accounts for the responses of the instructors to your original presentation. In this report you should explain why you chose each graph to illustrate each concept, what alternative graphical choices you could have made, and so forth.

   This is due on Wednesday May 8 at 5:00 PM EDT. **There will be no late submissions accepted** without 48 hours prior notice and an excellent reason for the delay.

Grades will be determined based on the equal paricipation of all members in the final presentation, as well as the quality of the materials in the presentation and final report.