## Introduction to GIS Workshop:

1. You can download the materials for the workshop via dropbox [here](https://www.dropbox.com/s/b77pihe4laz60cx/ERC_LA_CITIES.zip?dl=0).
2. You can follow along with this [GIS/mapping presentation](http://erc.barnard.edu/sites/default/files/introduction_to_gis_workshophistorical.pdf).
3. You can view a step-by-step guide for visualizing and joining existing data/shapefiles [here](http://erc.barnard.edu/sites/default/files/erc_qgis_intro_guide_1_0.pdf).
4. You can view a step-by step guide for georeferencing historic maps and creating new layers [here](http://erc.barnard.edu/sites/default/files/erc_qgis_intro_guide_2.pdf).

Income data for the workshop was accessed and downloaded from [GeoData@Columbia](https://geodata.library.columbia.edu/solr_documents/nyu_2451_34199).

Education data for the workshop was accessed and downloaded from the [Buenos Aires Ciudad data bank](http://www.estadisticaciudad.gob.ar/eyc/?p=25381).

Here are a few additional examples of existing digital mapping/GIS projects of selected Latin American cities:

1. [Population density in Rio de Janeiro](http://www.arcgis.com/home/webmap/viewer.html?webmap=2f9a392f480a4136ab9707bd8082c167)
2. [Interactive map of Buenos Aires](https://mapa.buenosaires.gob.ar/mapas/?lat=-34.636774&lng=-58.463016&zl=14&modo=transporte) (visualize cultural sites, historic sites, tree census data, etc.)
3. [Caminos de la villa](https://www.caminosdelavilla.org/#mapanuevo) - participatory mapping project in Buenos Aires

If specifically instructed, please click [here](https://barnard.az1.qualtrics.com/jfe/form/SV_6J1XUdLGQW6hZVr).

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