Class #13 -- 27 Apr 2017

- 3-D -- quick overview
    - GeoJSON in Three.js (wireframe)
        - https://bl.ocks.org/mbostock/2b85250396c17a79155302f91ec21224
    - Wireframe with earthquakes
        - https://bl.ocks.org/pbogden/2f8d2409f1b3746a1c90305a1a80d183
    - Spinning blue marble
        - https://bl.ocks.org/pbogden/d8e4b710742ecd2fbdf8b2cf98dc14a1
    - Spinning blue marble with earthquakes
        - https://bl.ocks.org/pbogden/0bd9c5f28676e183e3d501c4d867c3d8
- Interactive visualizations
    - Handling events (simple events)
    - https://github.com/d3/d3-selection/blob/master/README.md#handling-events
    - Dragging (event combinations)
    - https://github.com/d3/d3-drag
    - Circle dragging I (SVG, d3-drag)
    - https://bl.ocks.org/mbostock/22994cc97fefaeede0d861e6815a847e
    - Force dragging II (canvas, d3-force, d3-simulation)
    - https://bl.ocks.org/mbostock/2990a882e007f8384b04827617752738
- Projects -- review each student's project. Current version should have:
    - At least one gist/block with working code
    - README.md with
        - Documented data source with acknowledgements
        - Short description of project idea
        - Project goals and next steps

Assignment

1. Projects, projects, projects!!!
    - Projects will be reviewed during the next class.
2. Start with the Class #5 demo: https://umbcvis.github.io/classes/class-05/
    - Add a circle somewhere on the map
    - Make it draggable
    - As you drag it, use a tooltip to indicate the state it's in
    - Have the tooltip disappear when your mouse leaves the circle