**2014 Goals**

1. **Develop/enhance expertise in web mapping and make them available for projects agency-wide**

* Development around light rail map for Alan Lehto: <http://maps7.trimet.org/gisdocs/dev_near_light_rail/>
* Provides an overview of the region at large and the ability to inspect the any part of that region up close, something that a static map is not capable of
* Interactivity - can switch base maps, turn layers on and off and planning to add further interactivity

1. **Create and populate a Census/ACS database in house**

* Is up and running on maps7
* Contains 100% of ACS data for current year, under old workflow each table had to be extracted and set up separately so when a new segment of the data was required it meant a significant time investment
* Tasks that used to take half a day+ now take a few minutes
* The work flow significant reduces the chance of errors being made
  + Previous workflow involved manually manipulation excel spreadsheets, database tables are much more secure
* Used an existing github project to get it up and running and contributed code back to the repo that improves the project: <https://github.com/grant-humphries/census-postgres>
  + Some code needed to be updated and some scripts hadn’t been written for 2013 (the latest year released) and I filled in the gaps and submitted back what I had developed
* This project is one of the things that has informed my expertise on TIGER data which has been useful in the OLS geocoder project
* This key for Title VI, which uses this data almost exclusively

1. **Develop ‘one click’ automation of projects**

* In some cases have take this even further to ‘no click’ automation by using crontab on the map servers (maps7 in particular)

1. **Gain expertise in the serving and maintenance of aerial imagery purchased from Metro**

* Haven’t taken on this task yet, but am have built skills that have made me more equipped for this task than I was when this goal was set
  + Have significant experience with rasters with GDAL which is a key open source tool for prepping aerial imagery to be served
  + Have gained significant experience with geoserver in web mapping project and through early phases of revamp of map tiles
* 2015 Plan? I would like this to be a goal again next year, but need clarification on whether this is my responsibility
  + Need time to work to focus on it if it’s going to come to fruition

Objectives in this Job (these are the things that I’m consistently focused on)

* Increase efficiency
  + This is best achieved through coding which equals automation
  + Repetitive tasks should not be repetitive to me, script it once and let computers take care of if every time there after
* Increase quality of work
  + More intuitive and instructive to a wide audience
  + More beautiful
* Incorporate new innovations
  + Push to learn things new things that I’m not familiar with
  + Don’t get to comfortable or settled into one of way of doing things