Goals:

1. To understand the number of “productive hours” in a week. Productive is defined as hours logged to a particular project and not just to CIDA, BIOS, or the University. You and I will have to work to define productive well. And the distribution of productive hours across team members and by position type.
2. To understand the total number of hours logged in a week and the distribution of total number of hours logged and distribution by position type.
3. To understand the amount of time/hours being spent on email and on service.
4. To understand the number of projects worked on each week.
5. To understand the total number of hours over 6 weeks on particular projects.

Some instructions

For each person, create:

1. Deidentify their data for analysis.
2. Note parttime positions (student positions are 50% so 0.5, Ryan Peterson is 60%, Diana Abbott is 65%, Bryan McNair is 50%). For Ryan, Diana, and Bryan please scale their data to 1 FTE. So for Ryan you would take is weekly hours and multiply by 1/.6 = 1.667.
3. Join in the position type or position name from the publication dataset that you have.
4. Create position category variable as follows:

Research Assistant/GSRA/Student employee (Student)

SRPRA/Research Instructor/Sr. Research Instructor/Research Software Engineer (Masters)

Research Associate (PhD)

Assistant Professor/Associate Professor/Full Professor (ProfPhD)

Administration (Theresa, Luan, Becca)

1. Create a Leadership variable (Theresa, Nichole, Mary, Katerina)
2. Create the number of hours logged each week. Use Monday-Sunday as the week.
3. Create the number of hours on email each week.
4. Create the number of hours on service each week.
5. Create the number of hours by project each week.
6. Create the number of hours by tags each week.
7. Summarize #3-#7 averaged by week along with SD across the weeks.

Then make some nice graphics over the 6 weeks of data collection.

Create summary graphics over the 6 weeks (so not by week)

Create graphics by position type (averaged over the 6 weeks).

Create other graphs that you find interesting related to the variables above.

Make tables of the data you graphed.