**Style Sheet Guide**

* Created using basic notepad function on laptop, save as <sheet\_name>.mplstyle
* You have to save your style sheet where all of matplotlib’s style sheets are (style library)
  + To find the location of my style library, I tried using matplotlib.style.use() and read the path of my style sheet library from the error message (which essentially says it couldn’t find your style sheet in the library)
  + My style sheet library was at C:\Users\labuser\AppData\Local\Continuum\anaconda3\Lib\site-packages\matplotlib
  + I searched “stylelib” inside of matplotlib and was able to find it- should be a folder full of different .mplstyle files
* Once its saved in your computers style library, you can use matplotlib.style.use(<style\_name>) in any code and it will import the matplotlib rc parameters specified in the sheet

**Journal Plot Size Requirements (AAS Journals)**

* Only common fonts, such as Times, Helvetica, or Symbol
* Minimum 6 pt. Font
* Lines in figures should be at minimum 0.5 points
* Multiple lines in a plot should be distinguished by line style not just color
* EPS or PDF files preferred (For other formats, the figure must be at minimum 300 DPI on the final PDF page, min of 1000 pixels horizontal resolution)
* Figures should be numbered consecutively with Arabic numerals and should be cited in the text by number (e.g., “see Figure 1”)
* If a figure is part of a lettered, multipart figure, place the letter within the box around the figure, not outside of it. If the letter cannot be placed within the box, lettered tags can be typeset
* There should be consistency of appearance between the size of symbols and the size of type within a figure, and between the weight of the lines and the weight of type within the figures

**Journal Plot Size Requirements (IOP Science)**

* Minimum 10 pt. Font
* Preferred graphics format is EPS, but most others are accepted
* For vector graphics, Fonts used should be restricted to the standard font families (Times, Helvetica, Courier or Symbol) and graphic should be exported to EPS
* Micrographs should include a scale bar of appropriate size, e.g. 1 μm.
* Figures should be numbered in the order in which they are referred to in the text.
* If there is more than one part to a figure (e.g. figure 1(a), figure 1(b) etc.), the parts should be identified by a lower-case letter in parentheses close to or within the area of the figure