Cross Section Analysis User Manual

1. Obtain the CODE files and place them all in the same folder. The following files MUST be included to work:
   a. *CrossSectionMasterFile.m*
   b. *binThresh2.m*
   c. *drawBoundary.m*
   d. *getAreaObjects.m*
   e. *getChildMatrix.m*
   f. *getImage.m*
   g. *grayLessShadow.m*
   h. *imBinary.m*
2. If you lost some of these files, they are available at:
   https://github.com/rwuengrcancercolonyid/CrossSectionAnalysis
3. Open the *CrossSectionMasterFile.m* file in Matlab
4. Line 7 indicates the directory location of the image you wish to analyze
   a. Change this directory to match the directory of the image you want to analyze
5. Line 8 indicates the file name of the image you wish to analyze
   a. Change the file name to match the image you wish to analyze
   b. (the image must be a jpg)
6. Hit Run