## Image Blinding with blindImages.py

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1. Get Python and the numpy package.

This is easily done with the (free) Anaconda Python distribution: <https://store.continuum.io/cshop/anaconda/>

1. Save blindImages.py somewhere. For those using the default Anaconda installation, I recommend:

C:\Users\username\Anaconda\Scripts\

1. Create a folder and put your images in it. This folder can be anywhere, including an external drive.
2. Blind your initial image set.
   1. Run windows command prompt (cmd.exe)
   2. Change working directory to your folder  
      ex) **cd C:\Users\username\testImages\**
   3. Run blindImages.py  
      ex) **python C:\Users\username\Anaconda\Scripts\blindImages.py**

Depending on how you have your system PATH variable set up, you may be able to just use ‘python blindImages.py’

You should now have 3 subfolders:

\blindedImages\

* Your images with random-number filenames (e.g. 088.tif)

\originalImages\

* Your images with their original filenames (e.g. Sample1A.tif)

\blindingNotes\

* assignList.txt : the random number list that is used to rename the images
* matchedFilenames.csv : the original name/random number pairs
* listNames.csv : the original names only

1. (optional) Add more images to your image set at a later time
   1. You should still have the 3 subfolders, and the assignList.txt file. Put the new images in the main folder (not the subfolders).
   2. Repeat step 3. Numbering will begin where it previously left off.