E-books

- What are they? Why do I want them?
  - o Electronic versions of books that are also available in book form for purchase
  - o Searchable
  - o Hyperlinks between index and sections of book
  - o Sometimes you can save pdf or html versions book chapters to your computer for free (springer)
  - o You can also set up your own library with links to your favorite books (books 24x7)
  - o Advantage for SAS users is that you can copy and paste code from the ebook and then edit the code to fit your data
- Where are they?
- http://www.uiowa.edu/
  - o then click on 'Libraries'
  - o http://www.lib.uiowa.edu/
    - § then hover over 'Find Resources' and select E-books
      - · Now you will see the 'E-book Collections'
        - o Two options that have SAS books are:
          - § **Books 24x7** – my preference, disadvantage is that you can only access the books through Books 24x7. You can't download them to your computer for free.
          - § **Springer E-book collection** – advantage is that you can save the pdf files to your computer

Books 24x7

- Login required using your hawkid and password
- Set up an account
  - o Set up your own Personal Folders to organize your e-books (show icon)
- Search for books – it will scan text of books so be specific
  - o Example: proc mixed
- Add books to your library
- Bookmark certain pages
  - o Example is SAS folder/Beginners cert guide, chapter 6
  - o Mixed models studentized residuals, show bookmark
  - o Show the basic certification guide for new users

https://virtualdesktop.uiowa.edu/Citrix/VirtualDesktop/auth/login.aspx

SAS Help and Documentation
- Tabs at top are: Contents, Index, Search, Favorites
  - Contents is the most useful in my opinion
    - SAS Products folder
- **First item is a link to information on all procedures**
  - Tells you which user guide contains information on each procedures and hyperlinks to those sections
- Base SAS
  - Base SAS Procedures Guide for CORR, FREQ, UNIVARIATE
  - Step-by-Step Programming with Base SAS
- SAS/STAT
  - Users guide
    - The find the folder related to your procedures
    - Each procedures includes these topics
      - Overview
      - Getting Started
      - Syntax – good for explorings 'options' that are available
      - Details
        - ODS Table Names
        - ODS Graphics
      - Examples
      - References
        - Index is sometimes helpful if you know what you are looking for
        - Search – my least favorite option
        - Favorites is helpful if it works on your computer then you can add specific help pages and find them again easily
        -

Helpful tip from Alysha:
To easily print (somewhat) attractive SAS output in a Microsoft Word document, you can use ODS RTF ouput as follows (If you replace 'RTF' with 'PDF' on both lines you will get a .pdf file instead):
1. BEFORE the code for your procedure insert this line of code (replace with your own path/filename)
   <div style="text-align:center">**ODS RTF FILE= "C:\temp\filename.rtf";**</div>
2. AFTER your procedures insert and run this code
   <div style="text-align:center">**ODS RTF CLOSE;**</div>