

# **Astrostatistics & R**

Villanova University  
February 2016

**Eric Feigelson**  
**Penn State University**

# Preparation for R tutorials

*Download R from [http:// www.r-project.org](http://www.r-project.org)*

*Create a working directory (e.g. /Users/myself/Desktop/Rdir)*

*Download R scripts & datasets into this directory from  
[http:// www2.astro.psu.edu/users/edf/Villanova\\_2016](http://www2.astro.psu.edu/users/edf/Villanova_2016)*

*Setup your laptop screen ....*

Enter R (double-click for MacOS, or R <CR> in linux) to open R console. Put on right side of your screen.

Place ASCII file “1\_R\_intro.R” from PSU Web site on left side of screen to cut-and-paste into the console.

# about Eric Feigelson ....

Professor of Astronomy & Astrophysics and of Statistics, Penn State  
Assoc Director, Center for Astrostatistics, Penn State  
Scientific Editor (methodology), Astrophysical Journal  
President, IAU Commission B3, Astroinformatics & Astrostatistics  
Councils, ISI/IAA, AAS/WGAA, LSST/ISSC  
Co-editor, Astrostatistics & Astroinformatics Portal (<http://asaip.psu.edu>)  
Lead author, *MSMA* textbook (2012 PROSE Award)

*also an X-ray astronomer who studies star formation*