

# The Happy Scientist Workshop 2018: #3

## Introduction to the Tidyverse, pt 2: Data Visualization with ggplot2

Developments in the last few years by the R community have revolutionized the data analysis pipeline in R, from manipulating and visualizing data to communicating results. The tidyverse, an ecosystem of R packages built to work together with a similar philosophy and friendly interface, has been an important part of this change. In this second talk in a series on the tidyverse, I'll discuss data visualization with ggplot2, the most popular plotting package in R, with a focus on creating publication-quality plots. We'll go over layering plots (geoms), mapping data to the plot (aesthetics), scales, themes, and more.

As ever, all are welcome to attend.

**Happy Scientist Seminars, 2018: #3.**  
**Title:** Introduction to the Tidyverse, pt 2.  
**Speaker,** Malcolm Barrett  
**Time:** 11:45am-1pm, Thurs. October 25th.  
**Location:** Soto (SSB) 115/116, 2001 N.  
Soto St., USC.

I'm going to start cleaning  
my house. And by  
cleaning, I mean drinking  
wine and spraying  
everything with  
Febreze.



**CLEANLINESS  
BECOMES MORE  
IMPORTANT  
WHEN  
GODLINESS IS  
UNLIKELY.**



**P. J. O'Rourke**  
American political satirist

Born 1947