R Bootcamp for Scientific Computing 2025

Each year, volunteers from the Department of Population and Public Health Sciences offer **"The R Bootcamp."** This year, we are excited to be hosting this event in person! The Bootcamp will provide a general overview of the R programming language.

Schedule

The event consists of three sessions, all taking place on **Thursday, August 21st** in **SSB 114**:

	Time	Topics Covered
Session 1: Intro and R Basics	11am – 12pm	Coding basics and common data types Installing and using packages
Session 2: Data Visualization	1pm – 2pm	Data visualization with base R and {ggplot2}
Session 3: Data Wrangling	2pm – 3pm	Data wrangling with {dplyr} Data reshaping with {tidyr}

Target Audience

Session 1 is intended for those who are new to R and R Studio, who want to begin writing and interpreting code, importing data, and understanding how the R language works. **Sessions 2 & 3** are for those who attended Session 1, as well as those who want to learn how to manipulate data, produce results from simple data analysis, and create visualizations in R. **Overall,** The Bootcamp is helpful for new students in PPHS, especially those who will be taking PM511b, PM566, or PM592.

RSVP

Please RSVP here: https://forms.gle/v99MuTUiwNCJ2Fw87. For more details and course materials, please visit our website: https://bit.ly/usc-rbootcamp, or feel free to email to kelly.street@usc.edu.