R-SEMINAR FALL 2015

BIOL560C
2013

Ian Breckheimer
ibreckhe@uw.edu

What is R-Seminar?

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Introductions

- Me: Ian Breckheimer, ibreckhe@uw.edu , @ibreckhe

Seminar Logistics

- Keeping track of the Schedule – Seminar Website: https://uw-rseminar-fall2015.github.io/

- Sharing / Collaborating on Files – GitHub Organization: https://github.com/UW-RSeminar-Fall2015

- Listserv – ecostatsr@u.washington.edu. Subscribe: https://mailman1.u.washington.edu/mailman/listinfo/ecostatsr

Topics

Learn	Teach

Scheduling

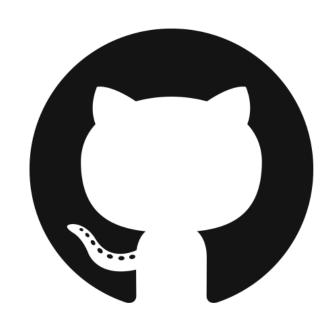| Date	Topic	Leader / Leaders
Oct 13	GitHub / Project Management	Ian
Oct 20		
Oct 27		
Nov 3		
Nov 10		
Nov 17		
Nov 24		
Dec 1		
Dec 8		

Guidelines for Presenters

- **Focus on the Science**—We are scientists, not programmers.

- **Move Slow**—You know your code, data and approach better than your audience.

- **Make it Interactive**—Include a simple exercise to give people a chance to play with the code.

- **Upload scripts and data at least 24hr in advance**—Allows folks to install packages, work out any platform-specific kinks.

Guidelines for Participants

- **Fork the repository in GitHub—**This way we won't have to worry about folks changing the original version of the code.

- **Try the code before the seminar—**This will give you a chance to install packages and iron out any issues with file paths, etc.

- **Learn by doing**—Follow along with the presenter by running the code yourself.

GitHub Demo

Prep for Next Week

- Update to latest versions of R and Rstudio.

- Install Git on the laptop you will bring to seminar.

- Test the connection between GitHub and Rstudio.

- See the great tutorial here:
  https://stat545-ubc.github.io/git00_index.html

Special Session: Intro to R