

## Temporal Ecology Lab Meetings — Spring 2024

Lab meeting is Tuesdays at 1:30 pm PDT in BRC (Zoom link)

Date	Who/Topic	Snacks?	Reading
16 Jan	Scraping PDFs – Selena	Deirdre	
<del>23 Jan</del>	<i>Bayesian week!</i>		
30 Jan	Tree ring & ROS-Mao	Adam	Ch. 11
6 Feb*		Britany	Ch. 12
13 Feb	EGRET prep	Dajeong	
<del>20 Feb</del>	<i>Spring break!</i>		
27 Feb	Tree rings & ROS	Deirdre	Ch. 13
5 Mar	EGRET	Hoai Huong	
12 Mar	ROS	Justin	Ch. 14
19 Mar	Tree rings & EDI reading	Lizzie	
26 Mar	ROS	Mao	Ch. 16
2 April	EGRET	Sandy	
9 April	Tree rings & ROS	Selena	Ch. 18

\*Lizzie is away

There is one main textbook: *Regression and Other Stories* (ROS) by Gelman, Hill & Vehtari (more info here, including ROS online PDF). Chapters (Ch) mentioned in the syllabus come from this book unless otherwise noted. For multi-level modeling we will read from *Data Analysis Using Regression and Multilevel/Hierarchical Models* by Gelman & Hill (more info here); note that I refer to this book as **ARM** or Gelman & Hill (much of the first half of ARM is in ROS. If time allows we may read one chapter from *Statistical Rethinking* (SR) by MacElreath (more info here). Relevant repos are: bayesforever and gelmanhill (which has good vocab).

**Topics to cover:** midge, grants/proposals, EDI, shoot elongation TreeRingSys (needs a name, our new approach!), how to give feedback, Smithers research, chilling,

**Journals:** Post titles and links [here](#). Post EDI articles on lab meeting papers and/or here.

Lizzie: *Science*

Mao: Deirdre: *Nature*, *New Phytologist*

Britany: *Nature Climate Change*

Dajeong: *Journal of Ecology*

Hoai Huong: *Ecology*

Justin: *American Journal of Botany*

Selena: *Nature Ecology and Evolution*

Sandy:

Adam:

OPEN: *TREE*, *GCB*, *Ecology letters*

**If you want to attend via Zoom** (link near top of first page), please reply all to the lab meeting email so one of us sees and can try to set up the call. Thank you!

**Seminars not to miss:**

- 3 April: Stefano Allesina