

# CogLab: Odds and Ends

WEEK 14

# Bowdoin and Univ. of St. Andrews

## A SPECIAL COLLABORATION

Bowdoin has a unique connection to the School of Psychology and Neuroscience and School of Biology at the University of St. Andrews in Scotland:  
Dr. Stefan Pulver!

**Register on Campus Groups** to join us for **lunch**.

**Friday, December 6, from noon to 1:00 p.m. in Druck 110**

learn about

Studying Abroad \* Graduate Study \* Fulbright Grants!

Dr. Pulver, a Senior Lecturer in Neuroscience and Biology at the University of St. Andrews, graduated from Colby in 1999 but did his senior honors project research at Bowdoin in Professor Patsy Dickinson's lab and later served as a guest lecturer in her lab course.



**Bowdoin**



University of  
St Andrews | FOUNDED  
1413



Exploring the origins, nature, and future of intelligences

What is DISI?

I'm here to apply

I'm attending the institute

Meet our alumni

# logistics & schedule

- Week 14
  - milestone 7:
    - 7a: poster draft (Dec 4)
    - 7b: final submission (Dec 9\*)
  - November class survey open (due Dec 8)
  - final APA report discussion
- Week 15/16
  - final touches + BCQs + extra credit winners
  - 8a: poster symposium (Dec 12, Druck atrium, no submission)
  - 8b: collaboration assessment (Dec 12)
  - 9: team skills (no submission)
  - formative assignment 3 resubmission (due Dec 15)
  - 10: final APA report (individual, due Dec 20)

# office hours going forward

- by appointment only
- [calendly link](#)

# today's agenda

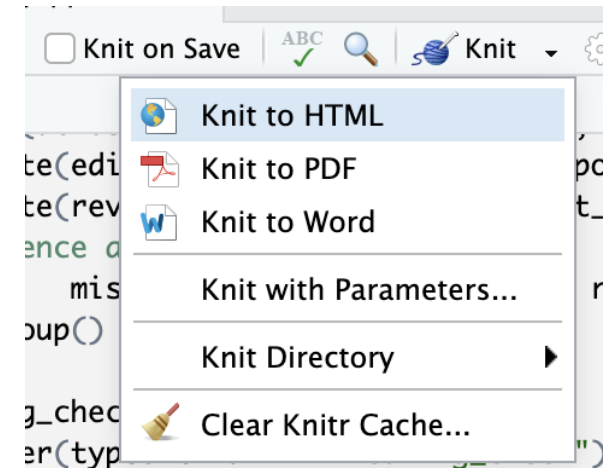
- data collection + analyses check-in
- poster design principles

# data collection + analyses

- download latest data from sona and cognition.run
- Prolific:
  - go to Prolific and check on “awaiting review” participants
  - find their data via “prolific\_PID” and approve/return submission
- Sona
  - look for any “awaiting action” or uncredited folks
  - find their data via “sona\_id”
  - Dec 21 deadline, post final 50 slots on Sona

# knitting R notebooks

- review the output of knitting the notebook
- explain the code, use chunks + text
- tell a story through your code and verbal descriptions





# project milestone #7: poster draft

- general tips:
  - **de-clutter**, keep the text to a minimum
  - use **tables/figures** wherever possible (procedure, results, etc.)
  - use variation!
  - use **symmetry** and **colors** to guide the reader
  - think of what you will say and **organize** in a logical manner
- sample posters/resources up on course website

## Milestone 7a: Poster Draft <sup>A</sup>

Start Assignment

Due Dec 4 by 11:59pm    Points 20    Submitting a file upload

- Review the [resources on the course website](#) <sup>E</sup> for designing good posters. **You MUST use the [template provided](#) <sup>E</sup> to make your poster.**
- While there isn't a single definitive way to design a compelling poster, the following elements are expected. You can use elements from previous milestones to create your poster.
  - **Set the stage.** In your opening section(s) set the stage: Introduce your broad question. Use the appropriate terminology by providing the necessary definitions or by providing examples. Do not use any psychological jargon without defining it first (e.g., "inattention blindness", "anterograde amnesia", "consolidation", "retrieval cue", etc.). Assume that your reader is a layperson and does not share the background you have in cognitive psychology.
  - **Add a thesis or orienting statement:** In the opening section (typically either at the very beginning or the end), outline your goal for this poster. This is where you want to bridge the connection between the broad and specific questions you came up with earlier.
  - In the next one or two section(s), describe some key findings and/or theoretical frameworks concerning your topic. At this stage, you need to cite some literature: this can include your selected research article(s) and/or material presented in class. Think about how to visually present this information - you could diagrams, flowcharts, etc.
  - **Describe your method:** At this stage, give a broad overview of your analysis, and then describe your method in detail. You may use sub-headings. This section should contain ALL the information required to replicate your analysis by a stranger. Think about how to visually present this information - you could diagrams, flowcharts, etc.
  - **Predicted/Obtained Results:** Describe the results of your analysis and any measures you computed (e.g., score, accuracy, etc.). You may also use plots/graphs if they might help the reader understand your broad message.
  - Finally, wrap up your poster with some concluding remarks. This can include a summary of the main points you made in the poster, or a clearer answer to the question you posed at the beginning of your poster. There is no single recipe for how to end your poster but aim to end on a strong and compelling point!

Please upload your poster in PDF form.

# poster work

- review analyses 6b milestone feedback
- clarify any comments/feedback
- work on your poster

# next time

- **before** class
  - *work on*: project milestone #7 (poster draft)
- **during** class
  - revise poster draft and submit for printing
  - final APA report discussion