

**Holland Group Meetings, Winter/Spring 2026**  
**Wed. 6-7:30 pm, CRB 123**

<u>Wed. evening</u>	<u>Presenter</u>	<u>Topic</u>	<u>Other events</u>
Jan 7	Aishanee	Plans for Research	Linda defense 1/9, 1 pm
Jan 14	no meeting		
Jan 21	Lindsey/Ryan D	Literature	
Jan 28	<b>Ethics</b>	<b>Discussion</b>	
Feb 4	Teddy	Research	Prokopchuk seminar 2/2
Feb 11	no meeting		
Feb 18	Kaeden	Plans for Research	
Feb 25	Kendal/Aishanee	Literature	
Mar 4	Simon	Research	Shustova seminar 3/2
Mar 11	Kendal	Research	
Mar 18	Lindsey	Research	
Mar 25	Aishanee	Research	
Apr 1	MIPS (w/pizza)	Your Proposals!	Kennedy seminar 3/30
Apr 8	Matt, Ryan N	Research	
Apr 15	no meeting		Jonas Peters seminar 4/13
Apr 22	Ryan D	Research	
Apr 29	Dana	Research	
May 6	Chandler	Research	
May 13	Ryan P	Research	
May 20	Olga	Research	
May 27	Kaeden	Research	

MIPS groups:

- Olga, Teddy, Aishanee, Ryan N
- Ryan P, Dana, Kaeden, Matt
- Ryan D, Lindsey, Chandler, Kendal

**Group Meeting formats on second page.**

**Research group meeting:** The introduction should have the logical basis for the project, and some literature review to get everyone else up to speed. However, don't present results from previous group meetings, except as needed to put new results in context. Don't show a lot of raw data, like a subgroup meeting. Rather, focus a substantial fraction (1/3) of the meeting on your proposed experiments and vision of what paper(s) are envisioned to look like, and potential pitfalls. This trains us to present our results in context with professional delivery and slide construction, to plan the most efficient route to a air-tight paper, and to get feedback on alternative interpretations and criticisms of logic.

For a group member's first group meeting, it is expected that the amount of results will not be a lot! This is a good time in the project to spend more time outlining your plans, proposed experiments and anticipated results, potential pitfalls, and how you could address them. There are many examples in the group Box folder.

**Literature group meeting:** Done by a team of two group members, and topic ideally outside the comfort zone for both, or one where both can learn from each other. They choose a paper and topic, distributed 1 week ahead of the meeting. Everyone is expected to think about the paper(s) in advance. 2-3 questions on the fundamentals, and then 2-3 discussion questions that lead the reader to key parts of the paper; these should be open-ended. ("Open-ended" doesn't mean a vague question - this means a question that requires a thoughtful answer that is likely to lead to more discussion.) During presentation, 1-2 slides on the fundamentals behind it, then 1 on the paper. This trains us to read the literature carefully, to think about how we can design our own papers, and leads to discussion of fundamentals.

**Other types of group meeting:** MIPS (mini proposal of the semester) and BOPS (big ol' problem solving). For BOPS, topics announced 1 month ahead of time.

MIPS: Diverse groups generate a potential research project to solve a problem, based on applying a new result in one area to a different area.

BOPS: Challenging problems in current chemistry are proposed, and each person comes up with their own potential solution.

With both, the group meeting consists of discussions of the different solutions, and others critique the logic, pitfalls, and strategy. This trains us on effective logic, identifying pitfalls, exercising creativity, and applying fundamentals.

In all group meetings, it is important to properly cite all sources. Journals should be cited in ACS format: Author, F. A. *Journal* **Year**, *Volume*, Page. (no issue number!!)