

## SAMPLE Responsible Conduct of Research Training Log

**Academic Year:** 2022-2023

**Instructor or PI Name(s):** Shayna Stroman

**Research Lab/Team/Class:** Stroman Lab

**Format:** Weekly lab meetings

*Assumed present unless otherwise noted:*

**Students:** Aabha Golla, Rowan Schum, Kali Herzog

**Postdocs:** Leanne Tremblay, Deja Jones, Areli Marquez

**FRAs:** Dorothy Wintheiser, Phoebe Dare

Date	Topic	Materials Discussed	Absent
September 28	Authorship and publication	<a href="#">28 Guidelines at a Glance on Avoiding Plagiarism</a> . <i>Office of Research Integrity</i> . taken from " <a href="#">Avoiding plagiarism, self-plagiarism, and other questionable writing practices: A guide to ethical writing</a> " by Miguel Roig	
October 5	Collaborative research	<a href="#">Five tips for building health academic collaborations</a> . "Collaboration is a key skill in academia, but nobody is ever taught how to do it effectively. Martyna Sliwa gives advice on how to work well with others." <a href="#">Martyna Śliwa</a> , <i>Durham University</i>	Herzog
October 19	Conflicts of interest and conflicts of commitment	<a href="#">Undisclosed Conflict of Interest</a> . <i>Mike Lauer, NIH case study</i>	
November 16	Data acquisition and management	<a href="#">How Indigenous Groups Are Leading the Way on Data Privacy</a> . "Indigenous groups are developing data storage technology that gives users privacy and control." <i>Rina Diane Caballar, 2023</i>	
January 18	Human subjects in research	<a href="#">Breaking Protocol</a> . <i>Office of Research Integrity</i>	
February 15	Mentor and trainee responsibilities and relationships	<a href="#">Ten simple rules for developing a mentor-mentee expectations document</a> . <i>Masters KS, Kreeger PK (2017) Ten simple rules for developing a mentor-mentee expectations document. PLoS Comput Biol 13(9): e1005709.</i>	
March 1	Peer review	<a href="#">Using AI in Peer Review is a Breach of Confidentiality</a> . <i>Mike Lauer, Stephanie Constant, and Amy Wernimont from NIH</i>	

March 15	Protection of proprietary information and IP	<a href="#">Crash Course Intellectual Property</a> . 10-minute video introduction to IP. <i>Stan Muller, CrashCourse</i>	Tremblay
April 5	Research misconduct	<a href="#">You Suspect Research Misconduct - Now What?</a> <i>Office of Research Integrity</i>	Wintheiser
April 19	Safe and inclusive research environments	<a href="#">Ten simple rules for creating a sense of belonging in your research group</a> . <i>Ruedas-Gracia N, Botham CM, Moore AR, Peña C (2022) Ten simple rules for creating a sense of belonging in your research group. PLoS Comput Biol 18(12): 1010688.</i>	
May 10	Safe laboratory practices	<a href="#">Laboratory &amp; Research Safety</a> . Includes a guide for new researchers under "How do I...?", as well as specific information for particular areas of lab safety (ie., chemical, biological, radiation, etc.), so that learners can review areas most relevant to them. <i>OSU Environmental Health and Safety</i>	
May 24	Scientist as a responsible member of society	<a href="#">Socially Responsible Science Is More than "Good Science"</a> <i>Bird SJ. Socially responsible science is more than "good science". J Microbiol Biol Educ. 2014 Dec 15;15(2):169-72. doi: 10.1128/jmbe.v15i2.870. PMID: 25574272; PMCID: PMC4278471.</i>	
June 7	Welfare of laboratory animals	<a href="#">ARRIVE guidelines</a> Animal Research: Reporting of In Vivo Experiments. <a href="#">Guidelines</a> and <a href="#">checklists</a> for reporting of in vivo experiments in animal studies. Per <a href="#">NOT-OD-23-057</a> , NIH encourages use of the ARRIVE Essential 10 Checklist in all publications reporting on the results of NIH-supported vertebrate animal and cephalopod research.	