

# Course Syllabus

## Syllabus for Lab Practices

### 56:121:620:01

Instructor: Dr. Grace Brannigan

Time: Monday 3:45-4:45

JHSC 104

Overall, the purpose of this course is to develop a mature understanding of what it means to conduct Responsible Conduct of Research. You also need to take this course to meet federal requirements for Responsible Conduct of Research (RCR) training, which means you need to pass this course to be paid out of federal grant funds!

#### Learning Goals:

By the conclusion of the course, students should be able to

- ▶ Identify and discuss instances of fabrication, falsification, and plagiarism, as well as the likely outcome of such activities.
- Identify and discuss more subtle RCR violations involving mentorship, authorship, conflicts of interest, etc.
- Identify responsible resolutions to common dilemmas arising in the conduct of research.

#### Text:

[Text: on being a scientist.pdf](#)

#### Assignments:

Assignments are listed in the "Assignments" tab.

There are a few important external training assignments you need to do. The class will start with these.

#### Format:

**We will not meet for class until September 20, but you have assignments to do before then.**

With the exception of the first few classes, each class will involve discussion of a chapter in the text. You'll need to complete some work before the class, listed in the associated assignment. The schedule of assignments/discussion can be seen in the "Assignments" tab and is subject to change.

### Location:







This class will be located on the first floor of JHSC (where we have seminar).









### Grading:

To pass, you must

- 1) complete CITI and Right to Know training.
- 2) miss no more than two class sessions.
- 3) miss no more than one text assignment.
- 4) complete a final assessment at the end of the course.

## Course Summary:

Date	Details	Due
 Mon Sep 20, 2021	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1644808">CITI Training</a> <a href="https://rutgers.instructure.com/courses/148789/assignments/1644808">           (https://rutgers.instructure.com/courses/148789/assignments/1644808)         </a>	due by 11:59pm
	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1644828">REHS Lab Safety Training:</a> <a href="https://rutgers.instructure.com/courses/148789/assignments/1644828">           (https://rutgers.instructure.com/courses/148789/assignments/1644828)         </a>	due by 11:59pm
Mon Sep 27, 2021	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1644829">On Being A Scientist : Introduction &amp; Advising and Mentoring</a> <a href="https://rutgers.instructure.com/courses/148789/assignments/1644829">           (https://rutgers.instructure.com/courses/148789/assignments/1644829)         </a>	due by 3:45pm
Mon Oct 4, 2021	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1644835">On Being A Scientist : The Treatment of Data</a> <a href="https://rutgers.instructure.com/courses/148789/assignments/1644835">           (https://rutgers.instructure.com/courses/148789/assignments/1644835)         </a>	due by 3:45pm
Mon Oct 11, 2021	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1644836">On Being A Scientist : Mistakes and Negligence</a> <a href="https://rutgers.instructure.com/courses/148789/assignments/1644836">           (https://rutgers.instructure.com/courses/148789/assignments/1644836)         </a>	due by 3:45pm

Date	Details	Due
Mon Oct 18, 2021	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1644837">On Being A Scientist : Research Misconduct</a> ( <a href="https://rutgers.instructure.com/courses/148789/assignments/1644837">https://rutgers.instructure.com/courses/148789/assignments/1644837</a> )	due by 3:45pm
Mon Oct 25, 2021	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1644838">On Being A Scientist : Responding to Suspected Violations of Professional Standards</a> ( <a href="https://rutgers.instructure.com/courses/148789/assignments/1644838">https://rutgers.instructure.com/courses/148789/assignments/1644838</a> )	due by 3:45pm
Mon Nov 1, 2021	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1644839">On Being A Scientist : Laboratory Safety in Research &amp; Sharing of Research Results</a> ( <a href="https://rutgers.instructure.com/courses/148789/assignments/1644839">https://rutgers.instructure.com/courses/148789/assignments/1644839</a> )	due by 3:45pm
Mon Nov 8, 2021	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1644840">On Being A Scientist : Authorship and the Allocation of Credit</a> ( <a href="https://rutgers.instructure.com/courses/148789/assignments/1644840">https://rutgers.instructure.com/courses/148789/assignments/1644840</a> )	due by 3:45pm
Mon Nov 15, 2021	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1644841">On Being A Scientist : Intellectual Property</a> ( <a href="https://rutgers.instructure.com/courses/148789/assignments/1644841">https://rutgers.instructure.com/courses/148789/assignments/1644841</a> )	due by 3:45pm
Mon Nov 22, 2021	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1644842">On Being A Scientist : Competing Interests, Commitments, and Values</a> ( <a href="https://rutgers.instructure.com/courses/148789/assignments/1644842">https://rutgers.instructure.com/courses/148789/assignments/1644842</a> )	due by 3:45pm
Mon Dec 6, 2021	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1644854">On Being A Scientist : The Researcher in Society</a> ( <a href="https://rutgers.instructure.com/courses/148789/assignments/1644854">https://rutgers.instructure.com/courses/148789/assignments/1644854</a> )	due by 3:45pm
Thu Dec 16, 2021	 <a href="https://rutgers.instructure.com/courses/148789/assignments/1733515">Final Assessment</a> ( <a href="https://rutgers.instructure.com/courses/148789/assignments/1733515">https://rutgers.instructure.com/courses/148789/assignments/1733515</a> )	due by 5pm