

SYLLABUS
16:709:601 Nutritional Sciences Seminar F2020
Mondays, 9:15 am – 10:35 am
Online – Synchronous (Canvas/Zoom)

Canvas Site: 16:709:601:01 NUTRITION SEMINAR

Instructor: Joshua W. Miller, Ph.D.
Office: 107 Food Science and Nutritional Sciences
E-mail: jmiller@sebs.rutgers.edu
Phone: (848) 932-5428
Office Hours: By Appointment

Class Schedule and Outline of Content:

Date	Topic	Module
8 September	Introduction to Course	1
14 September	Scientific Ethics	2
21 September	Objectives/Specific Aims/Hypotheses and Science Writing	3
28 September	Resumes/Curriculum Vitae/Biosketches	4
5 October	Scientific Rigor and Reproducibility	5
12 October	Journal article presentations (2)	
19 October	Journal article presentations (2)	6
26 October	Journal article presentations (2)	7
2 November	Journal article presentations (2)	8
9 November	Short Talks (2)	9
16 November	Short Talks (2)	10
23 November	NO CLASS	11
30 November	Short Talks (2)	12
7 December	Short Talks (2)	13

Course description: Professional issues for graduate students, and presentations (journal club and short talk formats) on current nutrition research topics with emphasis on selection, preparation, and presentation.

Course prerequisites: This is a graduate level course.

Course objectives: This course is designed to address the intellectual growth needs of graduate students engaged in nutritional sciences coursework and/or study. The objective of the course is to expand and challenge the thought horizons of graduate students through group discussion and independent exploration.

Description of teaching methods and learning experiences: This course is a **seminar**. Dictionary.com defines 'seminar' as follows:

1. a small group of students, as in a university, engaged in advanced study and original research under a member of the faculty and meeting regularly to exchange information and hold discussions.
2. the gathering place of such a group.
3. a meeting of such a group.
4. a course or subject of study for advanced students.
5. any meeting for exchanging information and holding discussions.

As can be gleaned from the descriptions above, ***the exchange of information through discussion is the primary means by which learning will occur***. To achieve this, vocal participation by all students in the form of active discussion is necessary. Discussion will be based on reading materials assigned ahead of time. Weekly required readings for the course are posted in the Canvas course site within the modules for each week. Please check the course site regularly for updates. Students are expected to read all materials provided before class and come prepared to discuss problems, issues, and implications relating to the material provided. Students must have paper or electronic copies of the material covered that day with them during class.

The secondary means by which learning will occur is through ***engagement in advanced study and original research***. To achieve this, each student will be asked to critically evaluate published literature in written and verbal formats (journal club format) and to craft short research presentations based on their own work or interests (short talk format).

Attendance and Participation: Class attendance is required. A physician's note is required in the case of illness. A personal circumstance other than illness requires 24 h advanced notice in writing.

Journal Club and Short Talk Presentations: Presentations can be created in Power Point, Google Presenter, Prezi or other similar program. The journal club presentation should cover all aspects of a published research article, including supplementary data. The short talk presentation should be no longer than 10 minutes in length followed by 5 min to answer questions from the class. Students will receive constructive feedback from students and the instructor.

Academic Integrity: The principles of academic integrity require that a student:

- make sure that all work submitted in a course, academic research, or other activity is the student's own and created without the aid of impermissible technologies, materials, or collaborations.
- properly acknowledge and cite all use of the ideas, results, images, or words of others.
- properly acknowledge all contributors to a given piece of work.
- obtain all data or results by ethical means and report them accurately without suppressing any results inconsistent with the student's interpretation or conclusions.
- treat all other students ethically, respecting their integrity and right to pursue their educational goals without interference. This principle requires that a student neither facilitate academic dishonesty by others nor obstruct their academic progress.
- uphold the ethical standards and professional code of conduct in the field for which the student is preparing.

Please read the full Rutgers University Academic Integrity Policy, effective June 2, 2020, at <http://academicintegrity.rutgers.edu/>.