

# PHYS 698 – Physics Seminar

## Fall 2022

**Instructor:** Dr. Adriana Rocha Lima  
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**Office:** Physics Building, Room 425

**Dates and Location:**  
Wednesdays, 3:30PM – 4:30PM  
Physics Building - Room 401

### Course Description:

This course consists of attending weekly Physics colloquiums given by experts in different areas of Physics. Following each colloquium, you are expected to write a summary report about the topic of the seminar.

### Learning Goals:

The goals are to broaden your research portfolio, get exposure to new/challenging research questions, observe how scientists are tackling these questions, and improve your scientific writing skills.

### Assignment:

After each colloquium, you are expected to write a summary report following the guidelines given by the instructor and upload it to the Blackboard. The deadline for submission is by 5PM on Friday of the same week of the colloquium. Your summary (minimum of one page length) should include answers for the following questions:

- 1) What are the scientific questions investigated?
- 2) What is the motivation for this study?
- 3) What are the main findings/results from this study?
- 4) What is the overall contribution/impact of this research?
- 5) Elaborate at least one question about this study that was not answered yet.
- 6) What is your overall impression about this presentation and research?

This is a pass or fail course. To pass this course, you will need to physically attend the colloquiums and submit the summary reports by the deadline every week. Reports will not be accepted if you have not attended the seminars. You are expected to attend all colloquiums. If you are unable to attend any of the seminars, please let me know in advance.

For each summary report, you will get a grade between 0 and 10 points. Zero point is given for plagiarism. Please be aware that I will expect the written submissions to be on the highest academic level. To pass this course, you will need a final grade of 100 points or more out of a possible 130 points.

### Late homework policy:

Late submissions will not be accepted.

**Class Attendance and Missed Work:**

Absences from class and missed work are accommodated (excused) in five circumstances: 1) illness, 2) personal instances of distress or emergency, 3) religious observance, and 4) varsity athletic participation and 5) required court or legal appearances. For each circumstance, you will need to present to the instructor supporting evidence (e.g., doctor note).

**Academic Integrity:**

Academic integrity is an important value at UMBC. By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are wrong. Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal.