Rosalyn Chan Yoke Ling

21 Boot Terrace, North York

647-563-4676

rcyl14@my.yorku.ca

August 13th, 2022

Professor Wendy Taylor

Department of Physics and Astronomy

York University, Canada.

Dear Professor Wendy Taylor,

I am currently a fourth-year Physic student in York University, I am writing to express my interest in being under your care as my supervisor for a research course in the Fall term of 2022. Since taking the Elementary Particle Physic course with you, I have found an interest in particle physics and am highly interested in your current research.

I had previously worked with Professor Saeed Rastgoo in his research project concerning the collapse of matter to a black hole in a regime where quantum gravity effects are important. I have studied the differential equation associated with this collapse and the behaviour of spacetime near the horizon and singularity. I am also currently working with Professor Sergey Krylov on his research project in biomolecular interaction analysing data on the dependence of measurements on the initial ligand concentration.

I have had several academic achievements under my belt. I was personally invited to the Golden Key International Honour Society where membership is available to the top 15% of student in each faculty at York University. I was awarded the York University International Award of Merit and the York University Continuing Student Scholarship.

I am well-organized, detail oriented, and able to prioritize effectively to manage my studies with a strong time management and high degree of commitment to my work. I hope you would be able to consider my application and guide me through this year.

Sincerely,

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