

Abstract Submitted  
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**Fluid Properties in Electromagnetic Fields**<sup>1</sup> SEAN CANTU, University of Houston Clear Lake, SAMINA MASOOD, University of Houston Clear Lake — We study the effect of electromagnetic fields on the fluid properties to see if the modifications in the fluids properties are causing the effect of magnetic fields on the bacterial growth. For this purpose we design a simple experiment to study the changes in spectrum of light through the nutrient broth that is the fluid used to study the bacterial growth.

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