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October 9, 2001

Dear Sir or Madam:

I am delighted to write this letter of reference for Rami Guirguis. In the summer of 2001, Rami worked directly with me in the National Science Foundation Research Experiences for Undergraduates (REU) program at The University of Memphis. His project objective was to determine optimal electrode placements for external atrial defibrillation using a physiologically realistic computer model of the human torso.

Rami has excellent computer skills and was able to quickly learn how to use and manipulate our existing computers programs in C and Mathematica on Unix workstations to perform atrial defibrillation simulations. I found that Rami could independently research and understand the scientific literature related to his project. He often initiated discussions about the relevance of his project to the clinical studies reported in the literature. Rami made a significant contribution to my laboratory, and the results from his project have suggested new electrode placements for external atrial defibrillation may be more efficacious than current clinical placements. His final paper and oral presentations during the REU program clearly showed that he has excellent oral and written communications skills for an undergraduate student in his senior year.

Rami has the intelligence and motivation required for a successful career in graduate school. From personal conversations with Rami, he has told me that he is committed to attending graduate school and wishes to earn the PhD degree. I believe that he will be a valuable asset to the Biomedical Engineering department at Duke University. Should you have any additional questions, please do not hesitate to contact me.

Sincerely,



Assistant Professor