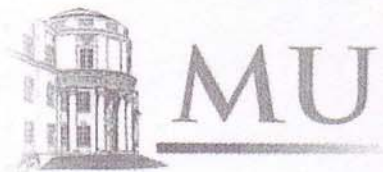


SAMPLE GOLDWATER SCHOLARSHIP RECOMMENDATION



MYTHIC
UNIVERSITY

123 Ivy Road, Mythic CA 99999 555-123-4567

January xx, 20xx

Mr. John Lerner is one of the most highly motivated students with whom I have ever had the pleasure of working. John is intelligent, hard working, dedicated, consistent, and creative. He will unquestionably become a highly successful engineer in whatever career path he takes. In my more than 10 years of teaching I have literally instructed hundreds of students and dozens in research capacities. Of all of those students, John is clearly the most capable as a chemical engineer. I look for students who have a native intelligence and who are willing to use that intellect to solve research/engineering problems. John is such a student.

John is now working on a design problem in which he needs to apply reasoning, technical material, and creativity in order to get the job done. The project is also on a strict and demanding schedule. His work requires him to interact with professionals outside of Mythic University and to set up tests in the laboratory. John is particularly adept at being able to work between these two worlds while learning more about the science of the project.

An example of John's endeavors is in the selection of an ion permeable membrane for use in an electrophoresis device that must function in the space shuttle. John is responsible for finding and evaluating this material. To do so he needed to read about and understand the safety criteria for shuttle experiments; he also needed to find a material that could withstand sterilization, a bonding agent to hold it down, and the proper molecular weight cutoff for ions passing through the membrane. He has led the way for us in making those selections and dealing with manufacturers and suppliers of different materials. He has also developed a test apparatus that can be used to take samples of membrane material and determine their resistance to ion and buffer flows. He has been almost completely on his own in these efforts with only light guidance from me.

John's actions in the lab speak of his technical maturity and the ability to apply what he has learned to a specific problem. He also has personal maturity, and is always on time and ready to work when he comes to the lab. He also works on the project in his spare time and at home, bringing in with him fresh ideas for the lab that he has worked out in his room.

I can hardly think of a better candidate for this scholarship. Please give him the highest consideration for this award. From my viewpoint he deserves no less.

Sincerely,

John Teacher

John Teacher

Associate Professor of Chemical Engineering