Title: Prospective visiting student intern on biophysics, Zichen Gu from Nanjing U

Dear Prof. Guo

This is Zichen Gu, a junior student from Elite program at Physics department from Nanjing University.

I am looking for a 5-6 month long, self-funded visiting student internship related with my current research studying physical property of certain biophysical materials. After a few search, I run into your webpage. I have been accumulating a few experiences in this field and find your research on cytoplasm and cellular force intriguing. Our group now is concentrating on the synthesis, testing, and modification of the IPMC (Ionic Polymer-Metal Composite) materials, and my work centers on improving the mechanical property of IPMC materials, such as reducing the surface resistance of the electrodes of IPMC by replacing the metal electrodes with single or multilayer graphene. Up to now, I am familiar with the entire fabrication and characterization process of Nafion based IPMC (e.g. scanning electron microscope and tension machine etc.). I am also acquainted with Single Molecule Force Spectroscopy and polymer hydrogels. Besides, I am a hands-on student who does not need a lot of 1 on 1 supervision.

My family and Nanjing University will cover the entire travel and living expenses and I will take full care of the visa application. I am simply wondering if it is possible for me to work at your group starting from early July this year to mid Jan.2018. In case you desire to take a look at my detailed academic background, I attach my CV and up-to-date transcript here for your convenience. I appreciate your time and reply.

Thank you for your time!

Regards,

Zichen Gu