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BIOPHYSICS RESEARCH DIVISION

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Biocomplexity Faculty Search Committee
c/o Prof. Rob de Ruyter van Steveninck
Biocomplexity Institute, Indiana University
Swain Hall West 117, Bloomington IN47405-7105

Dear Search Committee:

It is my great pleasure to write this letter recommending Dr. Lincong Wang for a faculty position at your institution. Lincong has received excellent training in high-resolution protein NMR during his Ph.D. work at Michigan State University. After his Ph.D., he was very eager to join my lab in 1998 as a post-doctoral student to learn much more about the physical backgrounds of NMR, and about NMR-detected dynamics in particular. I could not have wished myself a better post-doc for the tasks at hand: very quickly Lincong familiarized himself with the physical background (quantum mechanics and molecular dynamics) of the project, and with the NMR methods to detect spin relaxation.

Lincong has written two excellent first-author papers during his stay in my lab, both of which are very physical and computer-intensive. Lincong has completely by himself developed and written extensive computer code to physically model and analyze the NMR data. These programs involve numerical fitting of coupled differential equations, monte-carlo-metropolis algorithms, linear algebra and graphing. These programs were written from scratch, and are currently available for the scientific world to use. In addition, Lincong is an excellent experimental Biochemist who has successfully cloned, expressed and purified proteins in my lab. He is also a very accomplished NMR spectroscopist, which requires a broad spectrum of knowledge and hands-on expertise in molecular biology, chemistry, physics, computers and electronics.

Lincong is a hard worker, and has shown much initiative in his approaches, and is capable of learning and integrating several disciplines in an efficient way. He is endowed with a great intelligence, and works very well independently. It is evident to me that Lincong is a productive scientist with good work ethics, and is also a pleasant person to work with. With his combined knowledge and skills in both computer coding and in practical protein NMR spectroscopy, I am confident that he will be able to create a good interdisciplinary research program at your Institution. I urge you to consider his application most seriously.

Sincerely,

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