

April 14, 2006

Ms Linda K. Langlois
Departmental Secretary
Indiana University Department of Physics
Swain West 129
727 East 3rd Street
Bloomington, IN 47405

Dear Madam:

This is a letter of recommendation for Dr. Shabir H. Qureshi who has applied for the postdoctoral position in your university.

Shabir did his M.Sc. (Biochemistry) from Hamdard University, New Delhi, India. He joined our Department in 1998. During his stay in my lab it became clear that Shabir has great potential for research in Life Sciences. In fact, I was so impressed by him that I offered him to do Ph.D. under my supervision. To my delight he joined me as a Ph.D. student and started working in one of my recent research projects namely, “**Protein Folding: Thermodynamic and Conformational Characterization of Molten Globules**”. As expected, Shabir worked very hard to finish his Ph.D. work. He was awarded his Ph.D. in September 2003. During his Ph.D. Shabir has obtained a large body of data. He has already published three papers (1) *Biochimica et Biophysica Acta* **1646** (2003) 49-56. (2) *Biochemistry* **42** (2003) 1684-1695. (3) *Biochemistry* **45** (2006) [in press].

Shabir is a master of several techniques used in the area of molecular biology and structural biology. He has an extensive experience in absorption spectroscopy, fluorescence spectroscopy, atomic absorption spectroscopy, circular dichroism, HPLC, FPLC, ion exchange chromatography, gel filtration, PAGE, and viscometry. Recently, Shabir has gained experience in (a) the radio-labeling of macromolecules with radioactive isotopes, (b) handling of radioactive samples, (c) enzyme kinetics, (d) techniques like isolation and purification of nucleic acids, (e) transformation, digestion and ligation, (f) protein expression and purification, (g) Northern, Southern and Western blots, and (f) maintenance and growth of pure culture.

Shabir is presently working on a NIH sponsored project, “**Restriction Endonucleases Structure and Function**” as a part of his Postdoctoral work at University of Missouri St. Louis USA. with Dr. Cynthia M. Dupureur. They are trying to elucidate the structure function relation of the restriction endonucleases and kinetics of these enzymes. They are trying to design new assays for these kinds of studies.

Shabir is a fine man who respects his teachers and is very cooperative with his colleagues. He has no personality problems, so Shabir can do his research work in any environment. Furthermore, Shabir is capable of carrying research project with almost no guidance from his supervisor.

Finally I urge you to award a postdoctoral position to Dr. Shabir H. Qureshi who has a great potential as a researcher. I am sure you will not be disappointed.

With warm regards,

Yours sincerely,
Faizan Ahmad