

**Hui Xu**  
**Department of Mechanical and Aerospace Engineering**  
**Princeton University**  
**Princeton, NJ 08540**

**EDUCATION**

- Aug-03-Sep-07      **UNIVERSITY OF ILLINOIS AT CHICAGO, CHICAGO**  
•Ph.D.
- Sep-00-March-03      **TIANJIN UNIVERSITY, TIANJIN**  
•M.S., Chemical Engineering
- Sep-96-June-00      •B. S., Chemical Engineering

**WORK EXPERIENCE**

- Aug-03-Aug-07      **UNIVERSITY OF ILLINOIS AT CHICAGO, CHICAGO**  
•Research Assistant; Department of Chemical Engineering
- May-05-Aug-05      **INTERNATIONAL TRUCK & ENGINE CORPORATION, MELROSE PARK**  
•Environmental Engineer

**PROJECT WORK**

- Ph.D. Dissertation:** Thermal Dissociation and Relaxation in Vinyl Fluoride, 1,1-Difluoroethane and 1,3,5-Tirazine.
- M.S. thesis:** Study on Removal Lipophilic Toxins by Affinity Magnetic Separation Technique.

**PUBLICATIONS**

- Hui Xu, John H Kiefer, Raghu Sivaramakrishnan, Robert S. Tranter and Binod R Giri (2007). "Shock Tube Study of Relaxation and Dissociation of 1,1-Difluoroethane and Vinylfluoride", Phys. Chem. Chem. Phys. 9(31)4164-4176.
- Xu Hui, Zhang Guoliang, Zhang Fengbao(2003). "Progress in Research of Immunomagnetic Bead, Chemical Industry and Engineering", 20(1)27-32,58.
- Hui Xu, Zhang Guoliang, Zhang Fengbao, Wang Shulan(2003). "Study on Removal of Bilirubin with Magnetic Technique", Chinese J. Chem. Eng., 11(4)456-459.