

# XIANGYUN QIU

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## Education

- August 2004 **Ph.D.** in *Experimental Condensed Matter Physics*, Michigan State University, USA  
July 1999 **B.E.** in *Computer Engineering*, University of Science & Technology of China, CHINA  
July 1999 **B.S.** in *Condensed Matter Physics*, University of Science & Technology of China, CHINA

## Research Experience

- 2007 - now **Research Fellow**, Lab of Physical & Structural Biology, **National Institutes of Health**  
Supervisor: Dr. V. Adrian Parsegian  
2004 - 2007 **Postdoctoral Associate**, School of Applied & Engineering Physics, **Cornell University**  
Supervisor: Prof. Lois Pollack  
2000 - 2004 **Graduate Researcher**, Department of Physics & Astronomy, **Michigan State Univ.**  
Supervisor: Prof. Simon J. L. Billinge

## Awards

- June 2006 **Best Science Award in Poster Competition**, Cornell High Energy Synchrotron Source (CHESS) User Meeting, Ithaca, NY  
May 2002 **Oxford Cyrosystems Low Temperature Poster Prize**, American Crystallographic Association (ACA) Annual Meeting, San Antonio, TX  
1994 - 1999 **Yearly award for outstanding academic performance**, University of Science and Technology of China (USTC), Hefei, Anhui, CHINA

## Selected Publications

1. X. Qiu, K. Andresen, J. S. Lamb, L. W. Kwok, and L. Pollack, **Physical Review Letters**, **101**, 228101 (2008).
2. X. Qiu, K. Andresen, L. W. Kwok, J. S. Lamb, H.-Y. Park, and L. Pollack, **Physical Review Letters**, **99**, 038104 (2007).
3. X. Qiu, L. W. Kwok, H.-Y. Park, J. S. Lamb, K. Andresen, and L. Pollack, **Physical Review Letters**, **96**, 138101 (2006). (selected as a science highlight by Synchrotron News at [lightsources.org](http://lightsources.org))
4. H.-Y. Park, X. Qiu, E. Rhoades, J. Korlach, L. W. Kwok, W. R. Zipfel, W. W. Webb, and L. Pollack, **Analytical Chemistry**, **78** (13), 4465–4473 (2006).
5. X. Qiu, Th. Proffen, J. F. Mitchell, and S. J. L. Billinge, **Physical Review Letters**, **94**, 177203 (2005).
6. X. Qiu, S. J. L. Billinge, C. R. Kmetz, and J. F. Mitchell, **Journal of Physics and Chemistry of Solids**, **65**, 1423–1429 (2004).
7. X. Qiu, J. W. Thompson, and S. J. L. Billinge, **Journal of Applied Crystallography**, **37**, 678 (2004).  
Software available online at <http://www.pa.msu.edu/cmp/billinge-group/programs/PDFgetX2/>