Xiang Ji
Ph.D. Candidate
Bioinformatics Research Center and Department of Statistics
North Carolina State University

A. Professional Preparation

Peking University, China	Physics	B.S. 2011
Peking University, China	Economics (Double Major)	B.S. 2011
North Carolina State University	Material Science and Engineering	M.S. 2013
North Carolina State University	Bioinformatics	Ph.D., 2017(expected)
North Carolina State University	Statistics (Co-Major)	Ph.D., 2017(expected)

B. Awards

Graduate Fellow	SAMSI[1]	2014
Tuition scholarship	SISG[2]	2013
University Graduate Fellowship	North Carolina State University	2011

C. Publications

- **Ji, X.**, Griffing, A., & Thorne, J. L. (2016). A phylogenetic approach finds abundant interlocus gene conversion in yeast. *Molecular Biology and Evolution*, 33(9), 2469-2476.
- Wang, K., Yu, S., **Ji, X.**, Lakner, C., Griffing, A., & Thorne, J. L. (2015). Roles of Solvent Accessibility and Gene Expression in Modeling Protein Sequence Evolution. *Evolutionary Bioinformatics online*, 11, 85.
- **Ji, X.** (2013). Laser Interference Lithography for Fabrication of Gas Sensors. Master Thesis
- Han, X., **Ji, X.**, Wen, H., & Zhang, J. (2012). H-shaped resonant optical antennas with slot coupling. *Plasmonics*, 7(1), 7-11.
- Xiao, G., **Ji, X.**, Gao, L., Wang, X., & Zhou, Z. (2012). Effect of dipole location on profile properties of symmetric surface plasmon polariton mode in Au/Al2O3/Au waveguide. *Frontiers of Optoelectronics*, 5(1), 63-67.

D. Synergistic Activities

- Professional service – I have reviewed manuscript for *Molecular Biology and Evolution*.
- Software – My software for studying interlocus gene conversion is freely available at https://github.com/xji3/JGT_MBE_2016
- Outreach – I served as treasurer on the ASSIST[3] student leadership council in 2012 and 2013. I participated in the Magnet Fair at South Raleigh Magnet High School as ASSIST center graduate representative in 2012.

[1] SAMSI: The Statistical and Applied Mathematical Sciences Institute
2 SISG: Summer Institute in Statistical Genetics at University of Washington at Seattle
[3] ASSIST: The Center for Advanced Self-Powered Systems of Integrated Sensors and Technologies