

Yuehua Cui

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EDUCATION

- Ph. D.** Statistics (2005) Department of Statistics, University of Florida, Gainesville, FL
- M. Stat.** Statistics (2002) Department of Statistics, University of Florida, Gainesville, FL
- M. S.** Plant Biology (1998) China Agricultural University, Beijing, China
- B. S.** Agronomy (1995) Shanxi Agricultural University, Shanxi, China

ACADEMIC APPOINTMENTS

Assistant Professor 08/2005 – present, Department of Statistics and Probability, Michigan State University

Research Scientist 08/1998 – 05/2000, Institute of Botany, Chinese Academy of Sciences

Other academic affiliation:

Faculty Member of MSU **Genetics** Program

Faculty Member of MSU **System Biology** Program

Faculty Member of MSU **Quantitative Biology Initiative** (QBI) Program

Faculty Member of MSU **Ecology, Evolutionary Biology, and Behavior** (EEBB) Program

RESEARCH INTERESTS

- Statistical genetics, QTL mapping, Genetical genomics, Genomewide association study
- Statistical genomics, Microarray data analysis, Pathway analysis, Gene network inference
- Systems Biology, Computational biology, Bioinformatics
- Applied functional and longitudinal data analysis, Mixture model.

TEACHING EXPERIENCES

- STT855 (Statistical Genetics), Dept. of Statistics & Probability, MSU
- STT847 (Analysis of Survival Data), Dept. of Statistics & Probability, MSU
- STT843 (Multivariate Analysis), Dept. of Statistics & Probability, MSU
- STT421 (Statistics I), Dept. of Statistics & Probability, MSU
- STT481 (Issues in Statistical Practice), Dept. of Statistics & Probability, MSU
- STT231 (Statistics for Scientists), Dept. of Statistics & Probability, MSU
- Guest lecturer for STT890, Dept. of Statistics and Probability, MSU
- Guest lecturer for EPI950, Department of Epidemiology, MSU
- Teaching Assistant, Department of Statistics, University of Florida (2001)

HONORS AND AWARDS

- Junior Faculty Meritorious Research Award, Sigma Xi Honorary Scientific Society, Michigan State University Chapter (2008)
- Sigma Xi full membership, the Sigma Xi Scientific Research Society (2008-)
- William L. Harkness Instructional Innovation Award, Department of Statistics & Probability, Michigan State University (2007)
- Mu Sigma Rho membership, Statistics Honor Society (2003)
- Superfund Graduate Fellow, Superfund Basic Research Program Center for Environmental & Human Toxicology, University of Florida (2002-2004)
- University Fellowship, Department of Statistics, Ohio State University (2000)

RESEARCH GRANTS

- 2006-2007 (Co-PI, with Wenjiang Fu), “Genetic association study of complications of pregnant women”, NIH subcontract through Wayne State University, \$492,968 (40% effort).
- 2006-2008 (PI), “Dissecting genomic imprinting and maternal effect underlying triploid endosperm development through genetic mapping”, MSU Intramural Research Grants Program (06-IRGP-789), \$38,062.
- 2007-2010 (PI), “Statistical methods for mapping imprinted genes underlying complex traits”, National Science Foundation, (DMS-0707031), \$116,817.
- 2009-2013 “The dynamic response of plants to a changing environment”, International Research Training Grant, Deutsche Forschungs Gemeinschaft (DFG) of Germany, Partnership between the University of Dusseldorf and Michigan State University.
- 2010-2013 (PI), “Statistical and computational tools for integrated genetical genomics analysis”, National Science Foundation, \$419,133 (pending)

PUBLICATIONS

Invited Book Chapters (Students under my guidance are highlighted with __)

1. **Cui, Y.H.**, G.X. Li, S.Y. Li and R.L. Wu. (2010) Designs for Linkage Analysis and Association Studies of Complex Diseases. In: *Statistical Methods in Molecular Biology* (Eds.: H. Bang, X.K. Zhou, H.L. Van Epps and M. Mazumdar) Humana Press. (to be published in 2010)
2. Liu, T., A. Berg, J.S. Wu, B. Zhang, **Y.H. Cui**, Z.Y. Zhang and R.L. Wu (2009) Haplotype analysis of complex traits in outcrossing tree species: Allele discovery of quantitative trait loci. In: *Poplar Genomics* (Eds.: S. Joshi and S. DiFazio) Science Publishers of Edenbridge Ltd. (to appear)

Peer-referred Journal Articles (*corresponding author)

3. Li, S.Y., Q. Lu and **Y.H. Cui***. (2009+) A systems biology approach for identifying novel pathway regulators in eQTL mapping. *Journal of Biopharmaceutical Statistics* (in press)
4. Lu, Q, **Y.H. Cui**, C. Ye, C. Wei and R.C. Elston. (2009+) A bagging optimal ROC curve

- method for predictive genetic tests with an application to rheumatoid arthritis. *Journal of Biopharmaceutical Statistics* (in press)
5. Li, S.Y., Q. Lu, W. Fu, R. Romero and **Y.H. Cui***. (2009) A regularized regression approach for dissecting genetic conflicts that increase disease risk in pregnancy. *Statistical Applications in Genetics and Molecular Biology* (in press)
 6. Wan, L. K. Sun, Q. Ding, **Y.H. Cui**, M. Li, Y. Wen, R. Elston, M. Qian, W.J. Fu. (2009) Hybridization modeling of oligonucleotide SNP arrays for accurate DNA copy number estimation. *Nucleic Acids Research* (in press)
 7. Lu, Q, Y. Song, X.F. Wang, S. Won, **Y.H. Cui** and R.C. Elston. (2009) The effect of multiple genetic variants in predicting the risk of Type 2 Diabetes. *BMC Proceedings [Suppl]* (in press).
 8. Li, G.X. and **Y.H. Cui***. (2009) A statistical variance components framework for mapping imprinted quantitative trait loci in experimental crosses. *Journal of Probability and Statistics* vol. 2009, Article ID 689489, doi:10.1155/2009/689489.
 9. **Cui, Y.H.*** and W.Z. Yang. (2009) Zero inflated generalized poisson regression mixture model for mapping quantitative trait loci underlying count trait with many zeros. *Journal of Theoretical Biology* 256: 276-285.
 10. **Cui, Y.H.***, G.L. Kang, K.L. Sun, R. Romero, M. Qian, and W.J. Fu. (2008) Gene-centric genomewide association study via entropy. *Genetics* 179: 637-650.
 11. Ma, C-X., Q. Yu, A. Berg, D. Drost, E. Novaes, G. Fu, J.S. Yap, A. Tan, M. Kirst, **Y.H. Cui** and R.L. Wu. (2008) A statistical model for testing the pleiotropic control of phenotypic plasticity for a count trait. *Genetics* 179: 627-636.
 12. **Cui, Y.H.***, S.Y. Li, and G.X. Li. (2008) Functional mapping imprinted quantitative trait loci underlying developmental characteristics. *Theoretical Biology and Medical Modeling* 5:6.
 13. **Cui, Y.H.***, R.L. Wu, G. Casella, and J. Zhu. (2008) Nonparametric functional mapping quantitative trait loci underlying programmed cell death. *Statistical Applications in Genetics and Molecular Biology* 7(1): Article 4.
 14. Kang G.L., W. Yue, J. Zhang, **Y.H. Cui**, Y. Zuo and D. Zhang. (2008) An entropy-based approach for testing genetic epistasis underlying complex diseases. *Journal of Theoretical Biology* 250: 362-374.
 15. **Cui, Y.H.***, W. Fu, K.L. Sun, R. Romero, and R. Wu. (2007) Mapping nucleotide sequences that encode complex binary disease traits with hapmap. *Current Genomics* 8(5): 307-322.
 16. **Cui, Y.H.***, J.M. Cheverud and R.L. Wu. (2007) A statistical model for dissecting genomic imprinting through genetic mapping. *Genetica* 130: 227-239.
 17. Wu, J.S., B. Zhang, **Y.H. Cui**, W. Zhao, L. Xu, Huang, Y. Zeng, and R. Wu. (2007) Genetic determination of developmental instability: design, model and algorithm. *Genetics* 176: 1187-1196.
 18. Wu, R.L., W. Hou, **Y.H. Cui**, H.Y.Li, T. Liu, S.Wu, C-X. Ma, and Y. Zeng. (2007) Modeling the genetic architecture of complex traits with molecular markers. *Recent Patent on Nanotechnology* 1: 41-49.

19. **Cui, Y.H.*** (2007) A statistical framework for genome-wide scanning and testing imprinted quantitative trait loci. *Journal of Theoretical Biology* 244: 115-126.
20. Cintia, M.C., S. Wu, Y. Li, B. Hunter, R.A. Dante, **Y.H. Cui**, R.L. Wu, and B.A. Larkins. (2007) Identification of quantitative trait loci that affect endoreduplication in maize endosperm. *Theoretical and Applied Genetics* 115:1147–1162.
21. Rice, L., R. Handayani, **Y.H. Cui**, T. Medrano, Von G. Samedi, H.V. Baker, N.J. Szabo, and K. Shiverick. (2007) Effects of soy isoflavone concentrate on gene expression profiles in LNCaP human prostate cancer cells. *Journal of Nutrition* 137: 964-972.
22. **Cui, Y.H.***, D.-Y. Kim, and J. Zhu. (2006) On the generalized Poisson regression mixture model for mapping quantitative trait loci with count data. *Genetics* 174: 2159–2172.
23. **Cui, Y.H.**, J. G. Wu, C.H. Shi, J. Zhu, R.C. Littell and R.L. Wu. (2006) Modeling epistatic effects of embryo and endosperm QTL on seed quality traits. *Genetical Research* 87: 61-71.
24. **Cui, Y.H.**, Q. Lu, J.M. Cheverud, R.C. Littell and R.L. Wu. (2006) Model for mapping imprinted quantitative trait loci in an inbred F₂ design. *Genomics* 87: 543-551.
25. **Cui, Y.H.**, J. Zhu, and R.L. Wu. (2006) Functional mapping for genetic control of programmed cell death. *Physiological Genomics* 25: 458-469.
26. Handayani, R., L. Rice, **Y.H. Cui**, T. Medrano, V.G. Samedi, H. Baker, N.J. Szabo and K. Shiverick. (2006) Soy isoflavones alter expression of genes associated with cancer progression, including IL-8, in androgen-independent PC-3 human prostate cancer cells. *Journal of Nutrition* 136: 75-82.
27. **Cui, Y.H.** and R. L. Wu. (2005) A statistical model for characterizing epistatic control of triploid endosperm triggered by maternal and offspring QTL. *Genetical Research* 86: 65-76.
28. Sun, K.L., **Y.H. Cui** and B. Hauser. (2005) Changes in gene expression during ovule abortion in Arabidopsis. *Planta* 222: 632-642.
29. **Cui, Y.H.** and R.L. Wu. (2005) Mapping genome-genome epistasis: a high-dimensional model. *Bioinformatics* 21(10): 2447-2455.
30. **Cui, Y.H.**, G. Casella and R.L. Wu. (2004) Mapping Quantitative trait locus interactions from the maternal and offspring genomes. *Genetics* 167: 1017-1026.
31. Lu, Q., **Y.H. Cui** and R.L. Wu. (2004) A multilocus likelihood approach to joint modeling of linkage, parental diplotype and gene order in a full-sib family. *BMC Genetics* 5: 20.

2000 & Earlier (in Chinese with English Abstract)

32. Sun, K.L., M. Wang and **Y.H. Cui**. (2000) Study on the primary vascular system of the seedling of *Nelumbo Nucifera* Gaertn. *Acta Botanica Yunnanica*, 22(3): 286-290
33. **Cui, Y.H.**, M. Wang and K.L. Sun. (1999) Study on the heterogeneity of endosperm cell development in *Eucommia ulmoides* Oliv. *Journal of Agricultural Biotechnology* 7(1): 89-93.
34. **Cui, Y.H.**, M. Wang and K.L. Sun. (1999) Morphology of gutta-containing cells in *Eucommia ulmoides* Oliv. *Chinese Bulletin of Botany* 16(4): 439-443.
35. Wang, M., **Y.H. Cui** and K.L. Sun. (1999) Study on the programmed cell death in the

process of endosperm degeneration in *Eucommia ulmoides* Oliv. *Bulletin of Botanical Research* 19(4): 401-406.

36. Zhao, Y.J., W. Zhang, G. C. Li, T. Wang and **Y.H. Cui**. (1998) Genetic Studies on several morphological index of columnar apple trees. *Journal of China Agricultural University* Vol. 3, supplement: 96-98.

Book Reviews in Journals

37. **Cui, Y.H.** (2009) "Multivariate Statistics: Exercises and Solutions" by W. Hardle and Z. Hlavka. *Journal of the American Statistical Association* (to appear)

Working papers

38. **Cui, Y.H.*** and D.-Y. Kim. On the limiting distribution of likelihood ratio test in nucleotide mapping of complex diseases. *Statistics and Probability Letters* (under revision)
39. Li, G.X. and **Y.H. Cui***. A general statistical framework for dissecting parent-of-origin effects underlying endosperm traits in flowering plants. *Annals of Applied Statistics* (under review)
40. Park, H.-B., A. Abhyankar, **Y.H. Cui**, and H. Luthman. Interaction between nuclear and mitochondrial genes in the GK rat model for type 2 diabetes. *Diabetes* (under review)
41. Li, M., K. Sun, **Y.H. Cui**, M. Qian, R. Romero and W. Fu. Testing maternal-fetal genotype incompatibility with mother-offspring pair data and its application. (submitted)
42. Li, G.X. and **Y.H. Cui***. Assessing statistical significance in variance components linkage analysis.
43. Li, S.Y. and **Y.H. Cui***. Correlation matters: a combined p-value approach for inferring enriched genetic pathways in eQTL mapping.
44. Li, M., R. Romero, W.J. Fu and **Y.H. Cui***. Mapping haplotype-haplotype interactions with adaptive LASSO.
45. Yang, R., X. Wang, Z. Yu and **Y.H. Cui***. Bayesian inference for genomic imprinting underlying developmental characteristics.
46. Li, G.X. and **Y.H. Cui***. A bivariate variance components approach for linkage analysis in assessing genomic imprinting underlying complex traits.

Non-refereed publications

1. Li, G.X. and **Y.H. Cui** (2009) Mapping imprinted QTL underlying endosperm traits in flowering plant. *Quantitative Biology Initiative*, East Lansing, MI (**poster**)
2. Li, S.Y. and **Y.H. Cui** (2009) A systems biology approach for identifying novel pathway regulators in an eQTL mapping study. *Quantitative Biology Initiative*, East Lansing, MI (**poster**)
3. Li, S.Y. and **Y.H. Cui**. (2009) A regularized regression approach for dissecting genetic conflicts that increase disease risk in pregnancy. *Eastern North American Region (ENAR) of the International Biometric Society*, San Antonio, TX (March 15-18, 2009)
4. Li, G.X. and **Y.H. Cui**. (2009) Mapping imprinted quantitative trait loci underlying endosperm trait in flowering plant: a variance component approach. *Eastern North*

American Region (ENAR) of the International Biometric Society, San Antonio, TX (March 15-18, 2009)

5. Kim, D-Y. and **Y.H. Cui**. (2008) Asymptotic test of mixture model and its applications to qtl interval mapping. *Eastern North American Region (ENAR) of the International Biometric Society*, Arlington, VA (March 16-19, 2008)
6. Park, H-B., Abhyankar, A., **Cui, Y.H.** and Luthman, H. (2008) Evidence of nuclear QTLs \times mitochondrial genotype interactions in type 2 diabetes revealed by using a reciprocal F₂ intercross between the GK and F344 rats. *Scientific Symposium--New methodology for multi-factorial disease genetics*, Malmö, Sweden (**poster**)
7. **Cui, Y.H.**, G. Kang et al. (2007) An entropy approach for gene-centric genomewide association study. *Cambridge Healthtech Institute 7th annual Conference for New Applications for Microarray Data Analysis: Integrating Genetics with "Omics"*, Washington DC (**poster**)
8. Zhang, H.M., J.R. Dunn, R.L. Witter, M. Heidari, L.D. Bacon, **Y.H. Cui**, J.Z. Song and H.H. Cheng. (2007) Putative evidence that genes outside of the MHC have a significant influence on efficacy of Marek's disease vaccine. *Plant and Animal Genome XV Conference*, San Diego, CA (**poster**)
9. **Cui, Y.H.**, Q. Lu, J. M. Cheverud, R.C. Littell and R.L. Wu. (2006) Model for mapping imprinted quantitative trait loci in an inbred F₂ design. *2nd international symposium on animal functional genomics*, East Lansing, MI (**poster**)
10. Renita, H, **Y.H. Cui**, L.P. Rice, T.A. Medrano, H.V. Baker and K.T. Shiverick. (2005) Effects of a soy isoflavone concentrate on gene expression profiles in PC-3 human prostate cancer cells. *University of Florida Bioinformatics Workshop*, Gainesville, FL (**poster**)

PROFESSIONAL ACATIVITIES

Professional services

- | | |
|---------------------------|---|
| Invited session organizer | "Statistical challenges and advancements in eQTL studies", XXVth International Biometric Conference, Florianópolis-SC, Brazil, December, 2010 |
| Awards Committee | Sigma Xi Scientific Society, Michigan State University Chapter, 2009 |
| Awards Committee | All-University Awards, College of Natural Science, MSU, 2009 |
| Dean's Representative | College of Social Science, MSU, July, 2009 |
| Executive Committee | The <i>Genetics Program</i> , Michigan State University, 2009- |
| Workshop Organizer | <i>Statistical Genetics and Genomics Workshop</i> , East Lansing, MI, May, 2008 |
| Contributed session chair | <i>ENAR spring meeting</i> , San Antonio, TX, March, 2009 |
| Contributed session chair | <i>ENAR spring meeting</i> , Tampa, FL, March, 2006 |

Journal referee services

Biometrics (1)

BMC Bioinformatics (1)

BMC Genetics (5)
Communications in Information and Systems (2)
Genetica (1)
Genetics (14)
Journal of Biopharmaceutical Statistics (2)
Journal of Theoretical Biology (2)
Mammalian Genome (1)
Plos Computational Biology (1)
Theoretical and Applied Genetics (3)
Science in China (2)
Statistical Applications in Genetics and Molecular Biology (4)

Ad hoc Reviewer for grants

The Netherlands Genomics Initiative (1)
NSF National Plant Genome Initiative (1)

Conference/workshop presentations

1. “Enriching our knowledge in network regulation in eQTL mapping: a combined p-value approach”, Statistical genomics workshop, *Plant and Animal Genome XVIII Conference*, San Diego, CA, January, 2010 (invited).
2. *The First Summer International Workshop on Statistical & Computational Genetics*, Beijing, China, August, 2009 (invited).
3. “A statistical variance components framework for mapping imprinted quantitative trait loci underlying endosperm traits in flowering plant”, *Joint Conference of the Society for Mathematical Biology and the Chinese Society for Mathematical Biology*, Hangzhou, China, June, 2009 (invited).
4. “Nucleotide mapping complex diseases and the limiting distribution of the likelihood ratio test”, *ENAR Spring Meeting*, San Antonio, TX, March, 2009 (contributed).
5. *MSU Fall QBI Smposium*, East Lansing, MI, December, 2008.
6. “Functional mapping genomic imprinting underlying developmental characteristics”, *Fall Conference on Statistics in Biology*, Ames, IA, October, 2008 (invited).
7. “Large-scale genome-wide association studies via entropy test”, *Workshop on Multiscale Modeling, Analysis and Simulations*, East Lansing, MI, October, 2008 (invited).
8. “Understanding the genetic architecture of genomic imprinting by Functional QTL Mapping”, *Midwest Conference on System Biology*, East Lansing, MI, October, 2007 (invited).
9. “Sequencing complex diseases with penalized logistic regression”, *Interdisciplinary bioinformatics workshop*, University of Michigan, November, 2006 (invited).
10. “Binary Trait Nucleotides Mapping Complex Disease With HapMap”, *ICSA applied statistics symposium*, Storrs, CT, June, 2006 (invited).

11. “A statistical approach for genome-wide scanning and testing imprinted quantitative trait loci”, *Joint Statistical Meeting*, Seattle, WA, August, 2006 (contributed).
12. “Functional mapping for genetic control of programmed cell death: a semiparametric model”, *ENAR Spring Meeting*, Tampa, FL, March, 2006 (contributed).
13. “Dissecting plant development through genetic mapping”, *Fifth Annual IFAS graduate research symposium*, University of Florida, FL, April, 2005 (contributed).
14. “A Two-Stage Hierarchical Model for Detecting the Epistatic Control of Maternal-Offspring QTL over Endosperm Development”, *ENAR Spring Meeting*, Pittsburgh, PA, March, 2004 (contributed).

Invited Seminars and Colloquium Talks

15. “Genetic mapping genomic imprinting: a variance components approach”, Department of Statistics & Probability, Michigan State University, February, 2010.
16. “Identifying novel pathway regulators in eQTL mapping: a systems biology approach”, National Center for Integrative Biomedical Informatics (NCIBI), Ann Arbor, MI, August, 2009.
17. “Functional mapping imprinted genes underlying developmental characteristics”, Department of Statistics, Kansas State University, May, 2008.
18. “Understanding the genetic architecture of dynamic imprinting traits by functional mapping”, Department of Statistics, Ohio State University, January, 2008.
19. “Dissecting the genetic architecture of dynamic complex traits with Functional Mapping”, Genetics Research Forum, Michigan State University, October, 2007.
20. “Statistical dissection of genomic imprinting through genetic mapping”, Department of Statistics & Probability, Michigan State University, September, 2007.
21. “Detecting DNA sequence variants underlying complex disease with HapMap”, Department of Statistics & Probability, Michigan State University, September, 2006.
22. “Binary Trait Nucleotides Mapping Complex Disease With HapMap”, The Perinatology Research Branch, NICHD/NIH, January, 2006.
23. “Statistical functional mapping for genetic control of programmed cell death” Graduate student seminar, Department of Statistics, University of Florida, March, 2005.
24. “Statistical Analysis of cDNA and AffyChip Microarray data”, Superfund Basic Research Program Center for Environmental & Human Toxicology, University of Florida, December, 2003.
25. “Statistical Analysis of Affymetrix GeneChip Microarray Data”, Superfund Basic Research Program Center for Environmental & Human Toxicology, University of Florida, June, 2003.
26. “Statistical Analysis of DNA Microarray Genomics Data”, Superfund Basic Research Program Center for Environmental & Human Toxicology, University of Florida, June, 2002.

Short courses taught

27. Statistical design and analysis of human genetic data, *Statistical Genetics and Genomics Workshop*, MSU, May, 2008.

28. SNP data analysis and haplotype inference in human association study, *Computational Genomics Workshop*, MSU, May, 2007.
29. Introduction to statistical genetics, *Center for Statistical Training and Consulting workshop*, MSU, May, 2007

Other Conferences Attended

- Umich/GSK PGx Symposium on “Statistical and Genomic Challenges for Clinical Studies and Practice”, Ann Arbor, MI (October, 2009).
- OSU MBI workshop on “Systems Biology of Biological Processes and Diseases: Biological Problems and Statistical Solutions”, Columbus, OH. (April, 2009) (by invitation only)
- Genome-Wide Association Studies: Design and Analysis, New Haven, CT (October, 2006)

COMMITTEE SERVICES

Department

- 2009-2010 Department Major Curriculum Committee
 2006-2009 Department Colloquium Committee
 2007-2008 Department Graduate Support Committee
 2005-2007 Secretary, Department Advisory Committee
 2005-2006 Department Computer Committee
 2007-2008 Faculty search committee, Department of Statistics and Probability

College and University

- 2009-2011 Faculty Advisory Council, College of Natural Science
 2009 All-University Awards Committee, College of Natural Science
 2009-2011 Genetics Program Executive Committee
 2007-2008 Faculty search committee in human statistical genetics, Genetics Program
 2006-2007 Faculty search committee in quantitative genetics/genomics, Departments of Animal Science, and Fishery and Wild Life

STUDENTS ADVISING

Current students

Gengxin Li	Ph.D.	Expected in 2010
Shaoyu Li	Ph.D.	Fall 2007-
Wei-Wen Hsu	Ph.D. (co-advisor, joint with D. Todem)	Spring 2009-

Former students

Guolian Kang ¹	Postdoc	03/07–07/07
Yanwei Zhang ²	Ph.D. (co-advisor, joint with D. Todem)	Defended in 05/08
Wenzhao Yang ³	Master	06/07–08/08
Guanghui Liu ⁴	Master	02/06–12/06

¹Currently Post-doctoral associate, University of Alabama at Birmingham

²Currently Statistician, Pfizer

³Currently Ph.D. candidate, Michigan State University

⁴Currently Biostatistician, Mayo Clinic

Committee Member for Other MSU Ph.D. students

Shannon M. Bell	Dept. of Biochemistry & Molecular Biology	Spring 2009–
Wenzhao Yang	Dept. of Animal Science	Spring 2009–
Ming Wu	Dept. of Computer Sciences and Engineering	Spring 2009–
Qiongxia Song	Dept. of Statistics and Probability	Spring 2008–
Shujie Ma	Dept. of Statistics and Probability	Fall 2007–
Nora M. Bello	Dept. of Animal Science	Fall 2007–
Menghan Liu	Dept. of Crop & Soil Science	Spring 2007–
Young Gui Kim	Dept. of Economics	Defended in 07/09
Tianshu Pan	Dept. of Counseling, Educational Psychology and Special Education	Defended in 10/08
Lan Xiao	Dept. of Animal Science	Defended in 08/07

PROFESSIONAL MEMBERSHIPS

- American Statistical Association (ASA)
- International Biometric Society (IBS)
- International Chinese Statistical Association (ICSA)
- Full membership, Sigma Xi, The Scientific Research Society