

Kaixiong (Calvin) YE

Associate Professor

Department of Genetics | Institute of Bioinformatics

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EDUCATION

PhD, 2010 – 2015, Nutritional Genomics, Division of Nutritional Sciences, Cornell University, Ithaca, NY
Committee: Zhenglong Gu (Chair), Kimberly O'Brien, Tom Brenna, James Booth, Jason Mezey

BS, 2004 – 2008, Biology, Wuhan University, Wuhan, China

PROFESSIONAL & RESEARCH EXPERIENCE

Associate Professor: 2024 – present, Department of Genetics, University of Georgia

Associate Professor: 2024 – present, Institute of Bioinformatics, University of Georgia

Assistant Professor: 2018 – 2024, Department of Genetics, University of Georgia

Assistant Professor: 2018 – 2024, Institute of Bioinformatics, University of Georgia

Post-doctoral Associate: 2015 – 2018, Department of Biological Statistics and Computational Biology, Cornell University (Advisor: Alon Keinan)

Bioinformatician: 2009 – 2010, Beijing Genomics Institute at Shenzhen, Shenzhen, China

Research Assistant: 2008 – 2009, Kunming Institute of Zoology, Chinese Academy of Sciences (Advisor: Bing Su)

Research Assistant: 2006 – 2007, Laboratory of Plant Systematics and Evolutionary Biology, Wuhan University (Advisor: Shuangquan Huang)

PEER-REVIEWED PUBLICATIONS (*co-first; ^co-corresponding; Ye lab members in bold; # for high-school or undergraduate students; updated on 09/15/2026)

58. Choudhary SK, Sundaresha N, **Ye K**, CM Bergman, T Rozario. Assembly of a high-quality reference genome for the rat tapeworm *Hymenolepis diminuta*. (submitted)

57. Ge A[#], Sun Y^{*}, Chiang AH[#], Singh A[#], Xu H, **Ye K**. Associations of vegetarianism with circulating lipids across varying genetic capacity: a cross-sectional Polygenic Score-by-Vegetarianism interaction study in UK Biobank. (submitted)

56. Xu H, Yu G[#], Lu Y, Fuller H, Song S, Shen Y, Chiang CWK, Darst BF, **Ye K**. Polygenic predisposition modifies the associations of fish oil supplementation with circulating omega-3 fatty acids: a cross-sectional gene-diet interaction study in UK Biobank. *Clinical Nutrition*. (2026)

55. Ihejirika SA, Stephen E[#], **Ye K**. A variance QTL approach to uncover gene-fish oil supplement interaction loci for 14 circulating unsaturated fatty acid traits. *Human Genetics and Genomics Advances*. (2026)

54. Shi S, Dong Y, Hu Z, ..., **Ye K**, ... Zhou J. Phenome- and Genome-Wide Insights Into Dietary Patterns: Health Consequences and Genetic Basis. *eFood*. (2026)

53. Song JO, Cho S, Kim J, **Ye K**, Ryu MS. African-enriched SLC39A10 (ZIP10) missense variants differentially affect cellular zinc homeostasis and associate with health-related traits. *Genes & Nutrition*. (2026)

52. Barad A, **Xu H**, Clark AG, Gu Z, Pressman EK, **Ye K**[^], O'Brien KO[^]. A genetic association study of iron absorption in adults of East Asian or Northern European ancestry from the Iron Genes in East Asian and Northern European Adults Study (FeGenes). *The American Journal of Clinical Nutrition*. (2026)
51. Kim J, **Sun Y**, **Ye K**, Lee J, Cousins RJ, Ryu MS. Nutrigenomic profiling identifies ZIP10 (*SLC39A10*) as a regulator of erythroid zinc homeostasis with genetic associations to anemia risk. *Proceedings of the National Academy of Sciences*. (2026)
50. Zhao JV*, **Sun Y***, Zhang J, **Ye K**. The role of phenylalanine and tyrosine in longevity: a cohort and Mendelian randomization study. *Aging (Albany NY)*. (2025)
49. Beach SRH, Philibert RA, Ong ML, Lei MK, **Ye K**. Elevated Alcohol Consumption and Chronic Inflammation Predict Cardiovascular Risk Among Black Americans: Examination of a Dual-Risk Model Using Epigenetic Risk Markers. *Epigenomes*. (2025)
48. **Xu H***, **Sun Y***, Francis M, Cheng CF#, Modulla NTR#, Brenna JT, Chiang CWK, **Ye K**. Widespread but moderate genetic overlap between circulating polyunsaturated fatty acids and brain disorders. *Journal of Lipid Research*. (2025)
47. **Lu Y**, **Xu H**, **Sun Y**, Ihejirika SA, Chiang CWK, Darst BF, Song S, Shen Y, **Ye K**. Gene-diet interaction analysis in UK Biobank identified genetic loci that modify the association between fish oil supplementation and the incidence of dementia. *Current Developments in Nutrition*. (2025)
46. **Wang L**, **Xu H**, Simons RL, Beach SRH, Lei MK, Ong ML, Philibert RA, Mielke MM, **Sun Y**, **Lu Y**, Chiang CWK, Darst BF, **Ye K**. Associations of longitudinal changes in blood biomarkers of dementia with the proportion of genetically inferred African ancestry. *Neurology*. (2025)
45. **Sun Y**, **Xu H**, **Ye K**. Genome-wide association studies and multi-omics integrative analysis reveal novel loci and their molecular mechanisms for circulating polyunsaturated, monounsaturated, and saturated fatty acids. *Human Genetics and Genomics Advances*. (2025)
44. Ihejirika SA, Chiang AH#, Singh A#, Stephen E#, Chen H, **Ye K**. A multi-level gene-diet interaction analysis of fish oil supplementation and 14 circulating polyunsaturated fatty acids-related traits identifies the *FADS* and *GPR12* loci. *Human Genetics and Genomics Advances*. (2025)
43. Fu Z, ..., **Choudhary SK**, **Ye K**, ..., Peng H. IL-2-inducible T cell kinase deficiency sustains chimeric antigen receptor T cell therapy against tumor cells. *The Journal of Clinical Investigation*. (2024)
42. **Zhang Y**, **Sun Y**, Song S, Khankari NK, Brenna JT, Shen Y[^], **Ye K**[^]. Associations of plasma omega-6 and omega-3 fatty acids with overall and 19 site-specific cancers: a population-based cohort study in UK Biobank. *International Journal of Cancer*. (2024)

Also: **Zhang Y**, Brenna JT, Shen Y[^], **Ye K**[^]. Reply to: Comments on “Associations of plasma omega-6 and omega-3 fatty acids with overall and 19 site-specific cancers: A population-based cohort study in UK Biobank”. *International Journal of Cancer*. (2025)
41. **Yang S**, Cai H, **Ye K**. Phenome-wide association study of population-differentiating genetic variants around gene ACSL1. *Evolution, Medicine, and Public Health*. (2024)
40. Strosahl J, **Ye K**, Pazdro R. Novel insights into the pleiotropic health effects of growth differentiation factor 11 gained from genome-wide association studies in population biobanks. *BMC Genomics*. (2024)
39. Yu W, Kastriti ME, Ishan M, **Choudhary SK**, Rashid MM, Kramer N, **Do HGT**#, Wang Z, Xu T, Schwabe RF, **Ye K**, Adameyko I, Liu HX. The duct of von Ebner's glands is a source of Sox10⁺ taste bud progenitors and susceptible to pathogen infections. *Frontiers in Cell and Developmental Biology*. (2024)

38. **Sun Y, McDonald T#, Baur A#, Xu H, Bateman NB#, Shen Y, Li C, Ye K**. Fish oil supplementation modifies the associations between genetically predicted and observed levels of blood lipids: a cross-sectional gene-diet interaction study in UK Biobank. *The American Journal of Clinical Nutrition*. (2024)
37. **Francis M**, Westerman KE, Manning AK, **Ye K**. Gene-vegetarianism interactions in calcium, estimated glomerular filtration rate, and testosterone identified in genome-wide analysis across 30 biomarkers. *PLOS Genetics*. (2024)
36. **Zhang Y, Sun Y**, Yu Q, Song S, Brenna JT, Shen Y[^], **Ye K**[^]. Higher ratio of plasma omega-6/omega-3 fatty acids is associated with greater risk of all-cause, cancer, and cardiovascular mortality: a population-based cohort study in UK Biobank. *eLife*. (2024)
35. **Sun Y, Ye K**. The Protective Effect of Omega-3 Fatty Acids in Attenuating Lung Function Decline. *American Journal of Respiratory and Critical Care Medicine*. (2023)
34. Kong Q, Xia S, Pan X, **Ye K**, ..., Zhang Z. Alternative splicing of GSDMB modulates killer lymphocyte-triggered pyroptosis. *Science Immunology*. (2023)
33. **Ge A*#, Sun Y*, Kiker T#, Zhou Y, Ye K**. A metabolome-wide Mendelian randomization study prioritizes causal circulating metabolites for multiple sclerosis. *Journal of Neuroimmunology*. (2023)
32. Zhang H, ..., **Zhou J, Liu L#, ..., Ye K**, Zhang Y, Stolfi A, Bi P. Evolution of a chordate-specific mechanism for myoblast fusion. *Science Advances*. (2022)
31. **Sun Y, Chatterjee R#, Ronanki A#, Ye K**. Circulating polyunsaturated fatty acids and COVID-19: a prospective cohort study and Mendelian randomization analysis. *Frontiers in Medicine*. (2022)
30. **Sun Y, Zhou J, Ye K**. Extensive Mendelian randomization study identifies potential causal risk factors for severe COVID-19. *Communications Medicine*. (2021)
29. Lei MK, Beach S, Simons R, **Ye K**. The Impact of Harsh Parenting on the Development of Obesity in Adulthood: An Examination of Epigenetic/Gene Expression Mediators Among African American Youth. *Frontiers in Cardiovascular Medicine*. (2021)
28. Wang Y, Guo X, **Ye K**, Orth M, Gu Z. Accelerated expansion of pathogenic mitochondrial DNA heteroplasmies in Huntington's disease. *Proceedings of the National Academy of Sciences*. (2021)
27. **Sun Y, Zhou J, Ye K**. White blood cells and severe COVID-19: a Mendelian randomization study. *Journal of Personalized Medicine*. (2021)
26. **Zhou J, Liu C#, Francis M, Sun Y, Ryu MS, Grider A, Ye K**. Genetically predicted circulating levels of copper and zinc are associated with osteoarthritis but not with rheumatoid arthritis. *Osteoarthritis and Cartilage*. (2021)
25. **Francis M, Li C, Sun Y, Zhou J, Li X, Brenna JT, Ye K**. Genome-wide association study of fish oil supplementation on lipid traits in 81,246 individuals reveals new gene-diet interaction loci. *PLOS Genetics*. (2021)
24. **Zhou J, Sun Y, Huang W, Ye K**. Altered blood cell traits underlie a major genetic locus of severe COVID-19. *The Journals of Gerontology: Medical Sciences*. (2021)
23. Ma Y, ..., **Ye K**, Yin H, Cai H. Long chain fatty acyl-CoA synthetase 1 promotes prostate cancer progression by elevation of lipogenesis and fatty acid beta-oxidation. *Oncogene*. (2021)
22. **Zhou J, Liu C#, Sun Y, Huang W, Ye K**. Cognitive disorders associated with hospitalization of COVID-19: Results from an observational cohort study. *Brain, Behavior, and Immunity*. (2020)
21. **Zhou J, Liu C#, Francis M, Sun Y, Ryu MS, Grider A, Ye K**. The Causal Effects of Blood Iron and Copper on Lipid Metabolism Diseases: Evidence from Phenome-wide Mendelian Randomization Study. *Nutrients*. (2020)

20. Wang Z, **Zhou J**, Marshall B, Rekaya R, **Ye K**, Liu H. SARS-CoV-2 receptor ACE2 is enriched in a subpopulation of mouse tongue epithelial cells in non-gustatory papillae, but not in taste buds or embryonic oral epithelium. *ACS Pharmacology & Translational Science*. (2020)
19. Yuan M, ..., **Sun Y**, ..., **Ye K**, *et al.* zDHHC12-mediated Claudin-3 S-Palmitoylation Determines Ovarian Cancer Progression. *Acta Pharmaceutica Sinica B*. (2020)
18. Beach S, ..., **Ye K**. Childhood Adversity is Linked to Adult Health Among African Americans via Adolescent Weight Gain and Effects are Genetically Moderated. *Development and Psychopathology*. (2020)
17. Norris ET, Rishishwar L, Chande AT, Conley AB, **Ye K**, Valderrama-Aguirre A, Jordan IK. Admixture-enabled selection for rapid adaptive evolution in the Americas. *Genome Biology*. 21(1):29 (2020)
16. Huang L, **Ye K**, *et al.* IL-2 inducible T cell kinase (ITK) deficiency impairs early pulmonary protection against Mycobacterium tuberculosis infection. *Frontiers in Immunology*. (2020)
15. Fragoza R, ..., **Ye K**, *et al.* Extensive disruption of protein interactions by genetic variants across the allele frequency spectrum in human populations. *Nature Communication*. 10(1):4141 (2019)
14. Si Y, Liu X, **Ye K**, Bonfini A, Hu X, Buchon N, Gu Z. Glucomannan hydrolysate promotes gut proliferative homeostasis and extends lifespan in *Drosophila melanogaster*. *The Journals of Gerontology, Series A: Biological Sciences and Medical Sciences* doi:10.1093/gerona/gly189 (2018)
13. Zhang R, Wang Y, **Ye K**, Picard M, Gu Z. Independent impacts of aging on mitochondrial DNA quantity and quality in humans. *BMC Genomics* 18, 890 (2017)
12. **Ye K**, Gao F, Wang D, Bar-Yosef O, Keinan A. Dietary adaptation of *FADS* genes in Europe varied across time and geography. *Nature Ecology and Evolution* 1, 0167 (2017)
 - Selected Media Reports: [Cornell Chronicle](#), [Medical News Today](#), [Nutrition Insight](#)
11. Kothapalli KSD*, **Ye K***, Gadgil MS, *et al.* Positive selection on a regulatory insertion–deletion polymorphism in *FADS2* influences apparent endogenous synthesis of arachidonic acid. *Molecular Biology and Evolution* 33 (7), 1726-1739 (2016).
 - Highlighted by [Molecular Biology and Evolution](#)
 - Selected Media Reports: [The Washington Post](#), [CBS News](#), [The Metro](#), [The Hindu](#), [Le Monde](#), [The Independent](#), [National Post](#), [Motherboard](#), [Genomeweb](#), [Cornell Chronicle](#), [ScienceDaily](#), [ResearchGate](#)
10. Billing-Ross P, Germain A, **Ye K**, Keinan A, Gu Z, Hanson MR. Mitochondrial DNA variants correlate with symptoms in myalgic encephalomyelitis/chronic fatigue syndrome. *Journal of Translational Medicine* 14 (1), 19 (2016).

Also: Hanson MR, Gu Z, Keinan A, **Ye K**, Germain A, Billing-Ross P. Association of mitochondrial DNA variants with myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS) symptoms. *Journal of Translational Medicine* 14 (1), 342 (2016).
9. **Ye K***, Cao C*, Lin X, O'Brien KO, Gu Z. Natural selection on *HFE* in Asian populations contributes to enhanced non-heme iron absorption. *BMC Genetics* 16 (1), 61 (2015).
8. Lei R, **Ye K**, Gu Z, Sun X. Diminishing returns in next-generation sequencing (NGS) transcriptome data. *Gene*. 557 (1), 82-87 (2015).
7. **Ye K^**, Lu J, Ma F, Keinan A, Gu Z^ . Extensive pathogenicity of mitochondrial heteroplasmy in healthy human individuals. *Proceedings of the National Academy of Sciences* 111 (29), 10654-10659 (2014).

Also: **Ye K^**, Lu J, Ma F, Keinan A, Gu Z^ . Reply to Just *et al.*: Mitochondrial DNA heteroplasmy could be reliably detected with massively parallel sequencing technologies. *Proceedings of the National Academy of Sciences* 111 (43), E4548-4550 (2014).

- Highlighted by [*Proceedings of the National Academy of Sciences*](#), [*American Journal of Human Genetics*](#), [*Faculty 1000*](#)
 - Selected Media Reports: [*Los Angeles Times*](#), [*Spiegel Online*](#), [*TheScientist*](#), [*Cornell Chronicle*](#)
6. **Ye K**, Lu J, Raj SM, Gu Z[^]. Human expression QTLs are enriched in signals of environmental adaptation. *Genome Biology and Evolution* 5 (9), 1689-1701 (2013).
 5. **Ye K** & Gu Z. Recent advances in understanding the role of nutrition in human genome evolution. *Advances in Nutrition* 2 (6), 486-496 (2011).
 4. Xue Z, He Y, **Ye K**, Gu Z, Mao Y, Qi L. A conserved structural determinant located at the interdomain region of mammalian inositol-requiring enzyme 1alpha. *Journal of Biological Chemistry* 286 (35), 30859-30866 (2011).
 3. Fang X, ..., **Ye K**, et al. Genome sequence and global sequence variation map with 5.5 million SNPs in Chinese rhesus macaque. *Genome Biology* 12, R63 (2011).
 2. Lai J, ..., **Ye K**, et al. Genome-wide patterns of genetic variation among elite maize inbred lines. *Nature Genetics* 42 (11), 1027-1030 (2010).
 1. **Ye K**, Liu K, Zhang L. The inductive effect of ultraviolet radiation on mycosporine-like amino acids (MAAs) in *Microcystis aeruginosa*. *Amino Acids and Biotic Resources* 30 (1), 25-28 (2008).

INVITED REVIEWS, BOOKS & BOOK CHAPTERS

5. **Yang S**, **Ye K**. Recent advances in understanding the adaptive evolution of metabolic genes and traits. *Current Opinion in Clinical Nutrition & Metabolic Care* (2021)
4. **Ye K** & Hu Z. *Who We Are and How We Got Here*. Originally by Reich D. Pantheon Books and Oxford University Press. (2018). Translation into Chinese. Cheers Publishing. (2019)
3. Fu H & **Ye K**. *Why We Get Sick: The New Science of Darwinian Medicine*. Originally by Nesse R & Williams G. Vintage. (1996). Translation into Chinese. Hunan Science & Technology Press. (2018)
2. Gu Z & **Ye K**. New strategies of health management in China. *CAIJING Annual Edition: Forecasts and Strategies*. (2017)
1. Gu Z, **Ye K**, Stover P. Nutritional genomics. In *Genomic Medicine: Principles and Practice, 2nd Edition*, Chapter 12, edited by Kumar D and Eng C, Oxford University Press. 180-209 (2014)

GRANTS

- | | | |
|--|-------|-------------------|
| R01DE035487 | NIDCR | 03/2026 – 02/2031 |
| Engineered Synthetic Low-Density Lipoprotein Nanoparticles for Enhanced Cancer Immunotherapy in Head and Neck Cancer | | |
| Role: Co-investigator (PI: Xie) | | |
| Budget: \$78,098 | | |
| R01CA299080 | NCI | 03/2026 – 02/2031 |
| Calcium Nanoparticles to Enhance Immuno- Radiotherapy | | |
| Role: Co-investigator (PI: Xie) | | |
| Budget: \$78,098 | | |
| R01HL174378 | NHLBI | 05/2024 – 04/2029 |
| Leveraging metabolomics to identify factors contributing to health disparities in Native Hawaiian individuals | | |
| Role: Co-investigator (PI: Darst) | | |
| Budget: \$285,079 | | |

R01AG076625 NIA 09/2022 – 08/2027
Implications of Metabolic Dysfunction during Thiamine Insufficiency
Role: Co-investigator (PI: Zastre)
Budget: \$184,222

R01AI151139 NIAID 07/2021 – 06/2026
Markers and regulation of regulatory CD8⁺ T cells during influenza-induced lung immunopathology
Role: Co-investigator (PI: Huang)
Budget: \$64,963

R35GM143060 NIGMS 08/2021 – 05/2027
Gene-Environment Interactions in Human Evolution and Complex Traits
Role: Principal Investigator
Budget: \$1,887,500

AWARDS

2026	Excellence in Nutrition Fellow of the American Society for Nutrition (FASN)
2025	The Sandy Beaver Excellence in Teaching Awards, the Franklin College of Arts and Sciences, University of Georgia (\$2,500)
2020 – 2023	Scialog Fellow in Microbiome, Neurobiology and Disease
2017 – 2021	NIH/NHGRI 2R01HG006849 (\$1,517,147; PI: Alon Keinan)
2017	Travel Grant Award, The Center for Vertebrate Genomics, Cornell University (\$500)
2017	Young Investigator Travel Award, Society for Molecular Biology and Evolution (\$1,500)
2014	Chinese Government Award for Outstanding Self-Financed Students Abroad, China Scholarship Council (\$6,000)
2014	Genomics Scholarship, The Center for Vertebrate Genomics, Cornell University (\$10,000)
2013	Liu Memorial Award, Graduate School, Cornell University (\$2,750)
2012 – 2014	Conference Travel Grant Awards, Graduate School, Cornell University
2012 – 2013	Seed Grant Award, The Center for Vertebrate Genomics, Cornell University (\$15,000; PI: Zhenglong Gu & Kimberly O'Brien)
2012 – 2013	Seed Grant Award, Division of Nutritional Science, Cornell University (\$2,000)
2012	Travel Grant Award, The Center for Vertebrate Genomics, Cornell University (\$500)
2004 – 2007	Outstanding Academic Performance Scholarship, Wuhan University (\$1,500)

TEACHING EXPERIENCE

University of Georgia:

- Human Genetics (GENE 4500/6500), Instructor, Spring 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026
- Capstone Seminar in Genetics (GENE 4950), Instructor, Spring 2021, 2022, 2023, 2024, 2025
- Directed Study in Research Communication (GENE 8880), Instructor, Fall 2019
- Critical Reading of the Primary Scientific Literature (GRSC 8020), Instructor, Fall 2019, 2020, 2021

Cornell University:

- Human Genomics, Guest Instructor, Fall 2017
- Topics in Population Genetics and Genomics, Co-organizer, Fall 2016, Summer 2017
- Statistical Genomics: Coalescent Theory and Human Population Genomics, Guest Instructor, Spring 2016
- Human Biology & Evolution, Guest Instructor, Fall 2015

- Integrative Health Studies II, Teaching Assistant, Spring 2014
- Human Biology & Evolution, Teaching Assistant & Guest Instructor, Fall 2013
- Human Anatomy & Physiology, Teaching Assistant, Spring 2013
- Integrative Health Studies I, Teaching Assistant, Fall 2012
- Nutritional Genomics – Evolution and Environment, Teaching Assistant, Spring 2012

MENTORING EXPERIENCE (# of publications are based on their research in the Ye lab; updated on 08/06/2026)

University of Georgia

Postdoctoral Researchers:

2. Haifeng Zhang (01/2022-01/2024)
1. Jingqi Zhou (05/2019-11/2020; 3 first-author and 5 co-author pub;)

Graduate Students as their major advisor:

11. Ke Yi (01/2024-; 2025 Genetics Retreat Poster Award 2nd place;)
10. Elijah Sterling (04/2024-; co-advised with Dr. Yao Yao)
9. Yuchen Zhang (02/2024-05/2026; co-advised with Dr. Ye Shen; 2 first-author pub;)
8. Yueqi Lu (01/2024-; 2024 and 2025 the Mary Erlanger Graduate Fellowship from UGA Grad School; 2024 Genetics Retreat Poster Award 1st place; 2026 Patricia and Doyle Mote Support Fund for Biomedical Research Award from UGA Genetics; 1 first-author and 2 co-author pub;)
7. Lu Wang (01/2024-; 2024-25 & 2025-26 NIH Training Grant Fellowship; 2024 Genetics Retreat Poster Award 2nd place; 2026 the Linton and June Bishop Fellowship from UGA Genetics; 1 first-author;)
- 6 Saurav Kumar Choudhary (01/2023-; 2025 Genetics Retreat Poster Award 4th place; 1 first-author and 2 co-author pub;)
5. Susan Adanna Ihejirika (01/2022-; 2 first-author and 1 co-author pub;)
4. Huifang Xu (01/2022-; 2024 the Lois K. Miller Award from UGA Genetics; 2025 the Patricia and Doyle Mote Support Fund for Biomedical Research Award from UGA Genetics; 2025 Genetics Retreat Poster Award 3rd place; 2 first-author, 1 corresponding-author, and 5 co-author pub;)
3. Shuang Yang (08/2019-08/2024; 2023 the Mary E. Case Award for Excellence in Teaching from UGA Genetics; 2 first-author pub;)
2. Michael Francis (06/2019-12/2022; 2020-21 and 2021-22 NIH Training Grant Fellowship; 2020 UGA Communication of Research and Scholarship Grant; 2019 UGA Libraries Capturing Science Contest, 2nd place; 2 first-author and 3 co-author pub;)
1. Yitang Sun (09/2018-05/2024; 2025 Excellence in Research by Graduate Students Award from UGA Graduate School; 2023 the Lois K. Miller Award from UGA Genetics; 2022 the Summer Research Grant and the Graduate Education Advancement Board Fellowship from UGA Grad School; 2021,2022 the Mote Graduate Support Fund for Biomedical Genetics Research from UGA Genetics Department; 2021 the Mary Erlanger Graduate Fellowship from UGA Grad School; 10 first-author and 11 co-author pub;)

Graduate Students through their committees

22. Katherine (Katie) Benjamin (08/2025-; PhD in Genetics; Chair: Mike White)
21. Tara Disanayaka (09/2025-; PhD in Genetics; Chair: Leigh Anne Clark)
20. Haejin Cho (04/2025-; PhD in Bioinformatics; Chair: Eugene Douglas)
19. Shan Jiang (04/2025-; PhD in Environmental Health; Chair: Wentao Li)
18. Zheng Zhang (08/2024-; PhD in Genetics; Chair: Pengpeng Bi)
17. Neha Gupta (08/2024-; PhD in Bioinformatics; Chair: Natarajan Kannan)
16. Thais Fontenelle Carvalho Leme (08/2024-; PhD; Chair: Leigh Anne Clark)
15. Md Mamunur Rashid (08/2024-; PhD in Regenerative Bioscience; Chair: Hongxiang Liu)
14. Chandler Lowe (05/2024-; PhD in Genetics; Chair: Tania Rozario)

13. William Bastian (02/2024-08/2026; PhD in Bioinformatics; Chair: Eugene Douglas)
12. Kevin Sun (02/2024-; PhD in Bioinformatics; Chair: Bob Schmitz)
11. Haoran Lu (01/2024-05/2026; PhD in Statistics; Chair: Ping Ma)
10. Elizabeth Greif (06/2023-12/2024; PhD in Genetics; Chair: Leigh Anne Clark)
9. Joan Song (06/2023-06/2024; MS in Nutrition; Chair: Robert Pazdro)
8. Eduardo Torres (11/2021-12/2025; PhD in Genetics; Chair: Zack Lewis)
7. Jessica Strosahl (06/2021-05/2024; PhD in Nutrition; Chair: Robert Pazdro)
6. Shufan Zhang (06/2021-08/2025; PhD in Bioinformatics; Chair: Jonathan Arnold)
5. Nan Yao (03/2021-05/2025; PhD in Genetics; Chair: Bob Schmitz)
4. Margot Popecki (03/2021-05/2024; PhD in Genetics; Co-chairs: John Ware and Kathrin Stanger-Hall;)
3. Renjie Shang (05/2020-08/2023; PhD in Genetics; Chair: Pengpeng Bi)
2. Theresa Miorin (Theresa Erlenbach; 08/2020-05/2024; PhD in Genetics; Chair: Kelly Dyer)
1. Chynna Pollitt (2019; MS in Genetics; Chair: Nancy Manley)

Undergraduate Students:

- Elizabeth Craven (08/2026-;)
- Ryan Bustelo (08/2026-;)
- Lavanya Shenoy (03/2026-;)
- Jacob Sillyman (01/2026-;)
- Bisan Kaur Malhotra (08/2025-;)
- Jennifer Najera (08/2025-10/2025;)
- Ashlei Murray (01/2025-05/2026; UGA CURO Research Award – 2025 Fall)
- Ava Marcus (01/2025-05/2026;)
- Evan Canady (01/2025-05/2026;)
- Shalom Ejiwunmi (01/2025-05/2026; UGA CURO Research Award – 2025 Fall, 2026 Spring;)
- Vacha Patel (08/2024-12/2024;)
- Amy Yu (visiting, 07/2024-06/2025; 1 co-author pub)
- Èowyn I García Rosario (05/2024-07/2024; Summer 2024 SUNFIG)
- Jaela Pearl Krone (01/2024-05/2025; UGA CURO Research Award – 2024 Spring)
- Edgard Alejandro Diaz (08/2023-12/2024; 2024 NSF REU program)
- Eunice Stephen (08/2023-; UGA CURO Summer Research Fellowship 2025; 2 co-author pub)
- Gabrielle Lynn Smith (08/2023-12/2024;)
- Alexander Norman (01/2023-05/2024)
- Jiayi Xue (visiting, 10/2022-04/2023)
- Hy Do (08/2022-05/2024; UGA CURO Research Award – 2023 Spring; Cynthia Kenyon award – 2024 Spring; 1 co-author pub)
- Elaina Barrickman (08/2022-05/2024; UGA CURO Research Award – 2023 Spring)
- Kennedi Scales (08/2022-05/2024; UGA CURO Research Award – 2023 Spring, 2024 Spring; Cynthia Kenyon award – 2025 Spring)
- Anagha Anil (08/2022-05/2023; UGA CURO Research Award – 2023 Spring)
- Naveen Bateman (08/2022-05/2023; 1 co-author pub)
- Tryggvi Pierce McDonald (06/2022-12/2022, NSF REU program; 1 co-author pub)
- Abigail Baur (08/2021-05/2023; UGA CURO Research Award – 2022 Spring, 2022 Fall, 2023 Spring; 1 co-author pub)
- Aryaman Singh (08/2021-05/2024; UGA CURO Research Award – 2023 Spring; 2023 CURO Summer Fellowship; 2 co-author pub)
- Julia Cazabon (08/2021-05/2023; UGA CURO Research Assistantship – 2021 Fall;)
- Ayana Holland (Summer 2021, NSF REU program)
- Isabelle Bowman (01/2021-05/2023; UGA CURO Research Assistantship – 2021 Fall, 2023 Spring;)

Aaron Geanas (01/2021-05/2022; UGA CURO Research Assistantship – 2021 Fall;)
 Alexandra Chiang (01/2021-05/24; UGA CURO Research Award – 2022 Fall, 2023 Spring; 2 co-author pub)
 Claire Cheng (01/2021-12/2023; UGA CURO Research Award – 2023 Spring; 1 co-author pub)
 Nitya Modulla (01/2021-05/2024; 1 co-author pub)
 Stephanie Neville (08/2020-08/2021; UGA CURO Research Assistantship – 2021 Spring)
 Megan Hong (08/2020-06/2021; UGA CURO Research Assistantship – 2021 Spring)
 Kris Porter (Summer 2020, NSF REU program)
 Christina S Thomas (01/2020-05/2021; UGA CURO Research Assistantship – 2021 Spring)
 Chang Liu (visiting, 09/2019-05/2020; 3 co-author pub)
 Lingshu Liu (visiting, 09/2019-05/2020; 1 co-author pub)
 Radhika Chatterjee (08/2019-05/2022; UGA CURO Research Assistantship – 2019 Spring, 2021 Spring; 2020 CURO Summer Fellowship; 1 co-author pub)
 Ayushi Vashishtha (08/2019-12/2021; UGA CURO Research Assistantship – 2019 Spring, Summer)
 Jamie Ropelewski (08/2019-12/2019)
 Riya Gohil (lab technician, 07/2019-07/2020)
 Akash Ronanki (01/2019-08/2021; UGA CURO Research Assistantship – 2021 Summer; 1 co-author pub)
 Haley Chishom (01/2019-05/2020; UGA CURO Research Assistantship – 2018 Fall)
 Briana Sellers (01/2019-05/2020; UGA CURO Research Assistantship – 2020 Spring)
 Emily Álvarez Toucet (Summer 2019 SUNFIG)
 Kyndal Goss (08/2018-05/2019)

High-school students:

James Yang (06/2022-04/2023)
 Angela Ge (04/2022-, UGA Young Dawgs Program; undergrad at U of Pennsylvania; 2 first-author pub)
 Thaddaeus Kiker (04/2022-08/2022; 1 co-author pub)
 Pranav Koushik (Spring 2022, UGA Young Dawgs Program; undergrad at Georgia Tech)
 Aditya Prabhakar (Summer 2021, UGA Young Dawgs Program; undergrad at Georgia Tech)
 William Fang (08/2020-05/2021, dual-enrolled at UGA; undergrad at Stanford)
 Nuno Carvalho (Summer 2020, UGA Young Dawgs Program; undergrad at Georgia Tech)

Cornell University

David Wang (undergraduate), 2016-2018
 Shiv Madireddy (undergraduate), 2014-2016
 Rex Lei (high school student), 2011-2014

SERVICE

University of Georgia

- Junior Faculty Mentoring Committee (Katie Billmyre; Tauras Vilgalys), Department of Genetics, University of Georgia
- Faculty Search Committee (human genetics, Co-chair), Department of Genetics, University of Georgia (09/2025 – 02/2026)
- Faculty Search Committee (human genetics, Chair), Department of Genetics, University of Georgia (08/2024 – 04/2025)
- University Council, University of Georgia (09/2024 -)
- Graduate Affairs Committee, Institute of Bioinformatics, University of Georgia (01/2023 -)
- Faculty Search Committee (microbial genetics), Department of Genetics, University of Georgia (11/2021 – 01/2022)

- Executive Committee, Department of Genetics, University of Georgia (08/2020 -)
- Faculty Affairs Committee, Institute of Bioinformatics, University of Georgia (01/2020 -)
- Teaching Evaluation Committee, Department of Genetics, University of Georgia (12/2019 – 12/2022)
- Undergraduate Affairs Committee, Department of Genetics, University of Georgia (09/2019 -)

REVIEWER, JOURNAL EDITOR & SCIENTIFIC SOCIETIES

Grant Reviewer:

NIH: 07/2022-06/2026 standing member in Lifestyle and Health Behaviors (LHB);

NIH: 2021 early-career reviewer in Kidney, Nutrition, Obesity and Diabetes Study Section (KNOD);

NSF: 2019, 2021 *ad hoc* reviewer; 2022 reviewer for the NSF Graduate Research Fellowship Program (GRFP);

Austrian Science Fund (FWF) (2025 ×1;)

Georgia CTSA Pilot Grants Program (2026 ×1;)

University of Georgia internal grants: (2026 ×10;)

External Promotion & Tenure Letters:

Promotion to Associate Professor (2025 ×1;).

Journal Editorial Members:

BMC Genomics (02/2022-);

Nutrition & Metabolism (06/2022-);

Genes & Nutrition (08/2025-).

Journal Reviewer:

American Journal of Clinical Nutrition (2); *American Journal of Respiratory and Critical Care Medicine* (2); *Animal Genetics* (1); *Axiom Review* (1); *Biomedical and Environmental Sciences* (1); *biomedicine* (2); *BMC Genomics* (6); *BMC Medicine* (5); *Briefings in Bioinformatics* (2); *Cancer Epidemiology, Biomarkers & Prevention* (2); *Clinical Epigenetics* (2); *Clinical Nutrition* (3); *Communications Biology* (5); *Critical Reviews in Clinical Laboratory Sciences* (1); *Current Biology* (1); *Diabetes* (2); *Diabetes & Metabolism* (2); *eBioMedicine* (3); *elife* (4); *European Journal of Clinical Nutrition* (10); *European Journal of Nutrition* (3); *Evolution* (1); *Frontiers in* (11); *Gene* (7); *Genes and Nutrition* (2); *Genetic Epidemiology* (2); *Genome Biology* (1); *Genome Biology and Evolution* (3); *Genome Medicine* (1); *Genomics, Proteomics & Bioinformatics* (3); *HGG Advances* (5); *Human Molecular Genetics* (7); *International Journal of Epidemiology* (5); *International Journal of Genomics* (3); *iScience* (1); *Journal of Lipid Research* (5); *Journal of Molecular Evolution* (1); *Journal of Neuroimmunology* (4); *Journal of Nutritional Biochemistry* (2); *Lipids in Health and Disease* (2); *Mechanisms of Ageing and Development* (1); *Metabolism* (1); *Molecular Biology and Evolution* (1); *Molecular Biology Reports* (1); *Molecular Therapy - Nucleic Acids* (3); *Mitochondrion* (1); *Multiple Sclerosis and Related Disorders* (1); *National Science Review* (2); *Nature Communications* (1); *Nature Human Behavior* (2); *npj Cardiovascular Health* (2); *npj Genomic Medicine* (2); *Nutrients* (1); *Nutrition and Cancer* (1); *Nutrition Research* (2); *Pharmacogenomics* (1); *PLOS ONE* (5); *PLOS Genetics* (4); *Psychoneuroendocrinology* (1); *Scientific Reports* (6);

Conference Abstract Reviewer:

2019 ASHG; 2020 ASN; 2021 ASN; 2022 Southeast Regional Clinical & Translational Science Conference; 2022 ASN; 2023 ASN; 2024 ASN; 2025 ASN; 2026 ASN; 2026 ASHG;

Conference Organizer:

2021 SEPEEG;

2023 UGA IOB Symposium: AI and deep learning applications in bioinformatics;

Conference Session Moderator or Organizer:

2019 ASHG; 2022 ICIBM; 2023 ICIBM; 2025 ICIBM;

Conference Session Panelist:

2022 PEQG (Careers in Academia)

Scientific Society Leadership:

2025 - : The Nutrient-Gene Interactions (NGI) GEM leadership committee for the American Society for Nutrition (ASN)

Scientific Society Member:

The American Society of Human Genetics (ASHG, 2010-); Society for Molecular Biology and Evolution (SMBE); American Society for Nutrition (ASN, 2017-); International Society for Evolution, Medicine, and Public Health (ISEMPH); Genetics Society of America (GSA); The International Association for Intelligent Biology and Medicine (IAIBM)

CAREER DEVELOPMENT TRAINING

- IMPACT: a mentoring professional development program designed to help faculty effectively address conflicts in their mentoring relationships (six sessions; summer 2025)
- Mentoring Professional Development, University of Georgia (three sessions; fall 2023)
- Faculty Search Committee Training, University of Georgia (12/2021)
- Deepening Dialogues in Diversity, University of Georgia (11/2021)
- Dr. Kendall Moore's film and workshop on *Can We Talk? Difficult Conversations with Underrepresented People of Color: Sense of Belonging and Obstacles to STEM Fields*. (10/2021)
- Emotional Intelligence and Diversity, University of Georgia (09/2021)
- QPR Suicide Prevention Training, QPR Institute (08/2021)
- Organizational Excellence through Diversity, University of Georgia (11/2020)
- Diversity at UGA-Beyond the Numbers, University of Georgia (10/2020)
- The TEAMS (Translational Education and Mentoring in Science) Program, Georgia Clinical and Translational Science Alliance, (08/2020 – 05/2021)
- Junior Faculty Learning to Teach Community, University of Georgia (02/2020 – 05/2020)
- Faculty Search Committee Training, University of Georgia (11/2019)
- NIH Regional Seminars on Program Funding and Grants Administration, Baltimore, MD (05/2019)
- Research Mentor Training, University of Georgia (01/2019)
- Graduate Student Mentoring Summit, Graduate School, University of Georgia (09/2018)
- University-wide Teaching Conference, Center for Teaching Innovation, Cornell University (03/2018)
- An Introduction to Evidence-Based Undergraduate STEM Teaching, Center for Integrated Research Teaching and Learning (2017)
- Building Mentoring Skills Certificate Program, Cornell University (2017)
- Intergroup Dialogue Project, Cornell University (2016)
- Postdoctoral Leadership Program, Cornell University (2015-2016)
- Graduate Student Leadership Program, Cornell University (2013)

INVITED TALKS

38. The 2026 Annual Meeting of the American Society of Human Genetics (ASHG 2026), Montreal, Canada, 10/2026 (Platform Presentation: Mapping the genetic landscape of circulating fatty acids through integrative multi-trait GWAS analysis and single-cell CRISPRi screening; One additional flash talk by a trainee)

37. The 2026 International Conference on Intelligent Biology and Medicine (ICIBM 2026), Buffalo, NY, 08/2026 (Oral Presentation: Characterizing the genetic architecture and molecular mechanism of circulating fatty acids; One additional platform talk by a trainee)

36. Leeds Institute of Medical Research, University of Leeds, Leeds, UK, 06/2026 (Seminar: Gene-Diet Interaction: genetic factors modifying the health impacts of dietary polyunsaturated fatty acids)

35. Leeds Omics, University of Leeds, Leeds, UK, 06/2026 (Seminar: Gene-Diet Interaction: genetic factors modifying the health impacts of dietary polyunsaturated fatty acids)

34. The International Conference on Nutrition in Medicine (ICNM), Washington, DC, 08/2025 (Oral Presentation: Associations of plasma omega-6 and omega-3 fatty acids with overall and 19 site-specific cancers: A population-based cohort study in UK Biobank)
33. The 2025 International Conference on Intelligent Biology and Medicine (ICIBM 2025), Columbus, OH, 08/2025 (Oral Presentation delivered by graduate student, Huifang Xu: Mechanistic annotation of GWAS loci for circulating fatty acids by single-cell omics and CRISPR screens)
32. The Annual Meeting of the American Society for Nutrition, Orlando, FL, 05/2025 (Oral Presentation: Gene-diet interaction analysis in UK Biobank identified genetic loci that modify the association between fish oil supplementation and the incidence of dementia)
31. The 2024 International Conference on Intelligent Biology and Medicine (ICIBM 2024), Houston, TX, 10/2024 (Talk: Characterizing the Genetic Basis and Phenotypic Impacts of Circulating Polyunsaturated Fatty Acids)
30. Division of Nutritional Sciences, Cornell University, Ithaca, NY, 09/2024 (Seminar: Gene-Diet Interactions in Human Evolution and Health: Examples from Polyunsaturated Fatty Acids)
29. Department of Nutritional Sciences, University of Georgia, Athens, GA, 09/2024 (Seminar: Gene-Diet Interactions: genetic factors modifying the health impacts of vegetarianism and fish oil supplementation)
28. The Annual Meeting of the American Society for Nutrition, Chicago, IL, 06/2024 (Oral Presentation: Fish oil supplementation modifies the genetic potential for blood lipids)
27. McWilliams School of Biomedical Informatics, UTHealth Houston, Houston, TX, 04/2024 (Seminar: Characterizing the Genetic Basis and Phenotypic Impacts of Circulating Polyunsaturated Fatty Acids)
26. The 2024 meeting of MidSouth Computational Biology and Bioinformatics Society (MCBIOS), Atlanta, GA, 03/2024 (Talk: Fish oil supplementation modifies the genetic potential for blood lipids)
25. The 2023 International Conference on Intelligent Biology and Medicine (ICIBM 2023), Tampa, FL, 07/2023 (Talk: Shared genetic basis informs the roles of polyunsaturated fatty acids in brain disorders)
24. Department of Genetics and Biochemistry, Clemson University, Clemson, SC, 03/2023 (Seminar)
23. Center for Evolution and Medicine, Arizona State University, Tempe, AZ, 12/2022; (Seminar: Gene-Environment Interactions in Human Evolution and Complex Traits)
22. The 2022 International Conference on Intelligent Biology and Medicine (ICIBM 2022), Philadelphia, PA, 08/2022 (Talk: Fifty-one novel, replicated loci identified in genome-wide association study of polyunsaturated and monounsaturated fatty acids in 124,024 European individuals)
21. The 2022 Annual Meeting of the International Society for Evolution, Medicine, and Public Health (ISEMPH), Lisbon, Portugal, 07/2022 (Oral Presentation: *ACSL1*, a gene under positive selection in Africans, may contribute to population-differential risks in prostate cancer and type 2 diabetes)
20. The Annual Meeting of the American Society for Nutrition, online, 2021 (Oral Presentation)
19. Genetic Epidemiology Group Meeting, Emory University, zoom meeting, 2021
18. Department of Genetics, University of Georgia, Athens, GA, 2021
17. Nutrient-Gene Interactions in Complex Diseases: Perspectives of Early and Mid-career Level Researchers, American Society for Nutrition, webinar, 08/2020
16. 2019 Southeastern Population Ecology and Evolutionary Genetics (SEPEEG) Conference, Pendleton, SC, 10/2019 (Oral Presentation)
15. Department of Environmental Health Science, University of Georgia, Athens, GA, 03/2019 (Seminar)

14. Department of Foods and Nutrition, University of Georgia, Athens, GA, 01/2019 (Seminar)
13. School of Biological Sciences, Georgia Institute of Technology, Atlanta, GA, 11/2018 (Seminar)
12. Institute of Bioinformatics, University of Georgia, Athens, GA, 08/2018 (Adjunct Seminar: Mining Deep Sequencing Data for the Neglected Parts of the Genome -- mtDNA and chrX)
11. School of Life Sciences, Peking University, Beijing, China, 07/2018 (Seminar)
10. Beijing Genomics Institute, Tianjin, China, 07/2018 (Seminar)
9. School of Public Health, Shanghai Jiao Tong University, Shanghai, China, 07/2018 (Seminar)
8. School of Life Sciences, Central China Normal University, Wuhan, China, 04/2018 (Seminar)
7. Department of Genetics, Texas Biomedical Research Institute, San Antonio, TX, 02/2018 (Seminar: Genetic Adaptation to Diet during Human Evolution and the Future of Personalized Nutrition)
6. Nevada Institute of Personalized Medicine, University of Nevada, Las Vegas, NV, 02/2018 (Seminar: Genetic Adaptation to Diet during Human Evolution and the Future of Personalized Nutrition)
5. Department of Behavioral Health and Nutrition, University of Delaware, Newark, DE, 01/2018 (Seminar: Genetic Adaptation to Diet during Human Evolution and the Future of Personalized Nutrition)
4. Department of Genetics, University of Georgia, Athens, GA, 01/2018 (Seminar: Genetic Adaptation to Diet during Human Evolution and the Future of Personalized Nutrition)
3. Cornell University Chinese Postdoctoral Forum, Cornell University, 2016 (Oral Presentation: Dietary adaptation during human evolution and the discovery of “vegetarian allele”)
2. The Annual Meeting of the Society for Molecular Biology and Evolution, Chicago, IL, 2013 (Oral Presentation: Human expression QTLs are enriched in signals of environmental adaptation)
1. The 37th Annual Ecology & Evolutionary Biology Graduate Student Symposium, Cornell University, 2012 (Oral Presentation: Human expression QTLs are enriched in signals of environmental adaptation)

CONFERENCE POSTERS

25. ASN 2026: The Annual Meeting of the American Society for Nutrition, Washington, D.C. (1 poster by myself)
24. BOG 2026: Biology of Genomes, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY. (2 posters by trainees)
23. ASHG 2025: The Annual Meeting of the American Society of Human Genetics, Boston, CT. (7 posters by trainees)
22. SEPEEG 2024: Southeastern Population Ecology and Evolutionary Genetics Conference, Pendleton, SC (4 posters by trainees)
21. ASHG 2024: The Annual Meeting of the American Society of Human Genetics, Denver, CO. (6 posters by trainees)
20. ASHG 2023: The Annual Meeting of the American Society of Human Genetics, Washington, D.C. (4 posters by trainees)
19. ASN 2023: The Annual Meeting of the American Society for Nutrition, Boston, MA 2023 (2 Posters, 1 by myself, 1 by trainee)
18. ASHG 2022: The Annual Meeting of the American Society of Human Genetics, LA, CA (3 posters by trainees)

17. PEQG 2022: Population, Evolutionary, and Quantitative Genetics Conference, Pacific Grove, CA (1 poster presented by myself)
16. SEPEEG 2021: Southeastern Population Ecology and Evolutionary Genetics Conference, Eatonton, GA (1 poster and 1 talk by trainees)
15. ASN 2021: The Annual Meeting of the American Society for Nutrition, online, 2021 (1 Poster)
14. ASHG 2020: The Annual Meeting of the American Society of Human Genetics, Online due to COVID, 2020 (4 Posters by trainees)
13. The 1st AsiaEvo Conference, Shenzhen, China, 04/2018 (Poster: Dietary adaptation of *FADS* genes in modern and ancient human populations)
12. Fossils and Ancient Genomics Symposium, China National GeneBank, Shenzhen, China, 04/2018 (Poster: Ancient DNA reveals changing genetic adaptation before and after the Agricultural Revolution in humans)
11. The Annual Meeting of the American Society of Human Genetics, Orlando, FL, 2017 (Poster: Recurrent adaptation of different haplotypes in *FADS* genes to plant-based and animal-based diets in a diverse worldwide set of extant and extinct human populations)
10. The Annual Meeting of the Society for Molecular Biology and Evolution, Austin, TX, 2017 (Poster: Adaptation of the *FADS* gene family in Europe: Variation across time, geography and subsistence)
9. The Experimental Biology Meeting, Chicago, IL, 2017 (Poster: Regional dietary adaptation of *FADS* genes in humans: molecular mechanism and functional consequences)
8. The Annual Meeting of the American Society of Human Genetics, Baltimore, MD, 2015 (Poster: Natural selection on *HFE* in Asian populations contributes to enhanced non-heme iron absorption)
7. The Annual Meeting of the Society for Molecular Biology and Evolution, San Juan, PR, 2014 (Poster: Extensive pathogenicity of mitochondrial heteroplasmy in healthy human individuals)
6. The Annual Meeting of the American Society of Human Genetics, Boston, MA, 2013
5. The Annual Meeting of the American Society of Human Genetics, San Francisco, CA, 2012 (Poster: Human expression QTLs are enriched in signals of environmental adaptation)
4. The 1st International Conference on Genomics in the Americas, Children's Hospital of Philadelphia, 2012
3. The 1st Annual Nutrition Research Symposium, Cornell University, 2012 (Poster: Metabolic Adaptation to Plant-based Diets in Asian Populations)
2. Workshop on Metabolomics by Metabolon, Inc, Bridgewater, NJ, 2011
1. The Annual Meeting of the American Society of Human Genetics, Washington D.C., 2010