HANA LEE

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EDUCATION

Dec 2012 **Ph.D. in Molecular & Cell Biology with Designated Emphasis in Computational & Genomic Biology**
University of California, Berkeley
Dissertation: "Investigating genetic determinants of phenotypic variation in natural isolates of *Saccharomyces cerevisiae*"

Jun 2007 **A.B. *cum laude* with High Honors in Biochemical Sciences**
Harvard University
Honors thesis: "Array-based high-resolution genotyping of recombinant inbred lines for quantitative trait loci analysis"

RESEARCH EXPERIENCE

2013-now **Postdoctoral researcher with Dr. Joy Bergelson**
Department of Ecology & Evolution, University of Chicago

2007-2013 **Graduate student researcher with Dr. Rachel Brem**
Department of Molecular & Cell Biology, University of California, Berkeley

2007-2008 **Rotation student with Dr. Rachel Brem, Dr. Michael Eisen, and Dr. Michael Levine**
Department of Molecular & Cell Biology, University of California, Berkeley

2004-2007 **Undergraduate researcher with Dr. Christine Queitsch**
FAS Center for Systems Biology, Harvard University

PUBLICATIONS

Lee HN, Mostovoy Y, Hsu TY, Chang AH, Brem RB (2013). Divergence of iron metabolism in wild Malaysian yeast. *G3: Genes, Genomes, Genetics* **3(12)**: 2187–2194. doi: 10.1534/g3.113.008011.

Lee HN, Magwene PM, Brem RB (2011). Natural variation in *CDC28* underlies morphological phenotypes in an environmental yeast isolate. *Genetics* **188(3)**: 723–730. doi: 10.1534/genetics.111.128819.

Sangster TA, Salathia N, **Lee HN**, Watanabe E, Schellenberg K, Morneau K, Wang H, Undurraga S, Queitsch C, Lindquist S (2008). HSP90-buffered genetic variation is common in *Arabidopsis thaliana*. *Proceedings of the National Academy of Sciences* **105(8)**: 2969–2974. doi: [10.1073/pnas.0712210105](https://doi.org/10.1073/pnas.0712210105).

Salathia N, **Lee HN**, Sangster TA, Morneau K, Landry CR, Schellenberg K, Behere AS, Gunderson KL, Cavalieri D, Jander G, *et al.* (2007). Indel arrays: an affordable alternative for genotyping. *The Plant Journal* **51(4)**: 727–737. doi: [10.1111/j.1365-313X.2007.03194.x](https://doi.org/10.1111/j.1365-313X.2007.03194.x).

GRANTS, HONORS AND AWARDS

2013-now	**V. Dropkin Postdoctoral Fellowship**
2009-2011	**Soros Fellowship for New Americans**
2009	**NSF Graduate Research Fellowship Program Honorable Mention**
2007-2009	**NIH Genetics Predoctoral Training Grant**
2007	**Thomas T. Hoopes Prize**
2007	**NSF Graduate Research Fellowship Program Honorable Mention**

TEACHING EXPERIENCE

Spr 2012 **Workshop instructor for RNA-Seq Data Analysis Workshop**
Computational Genomics Resource Laboratory, University of California, Berkeley

Spr 2010 **Graduate student instructor for MCB 240L: Genetics Laboratory**
Department of Molecular & Cell Biology, University of California, Berkeley

Fall 2008 **Graduate student instructor for MCB 142: Survey of General Genetics**
Department of Molecular & Cell Biology, University of California, Berkeley

PROFESSIONAL MEETINGS

Jun 2013 **Society for Molecular Biology and Evolution**

Jul 2011 **Gordon Research Conference on Ecological & Evolutionary Genomics**
Poster: "Using population genomic data to investigate morphological variation in *Saccharomyces cerevisiae*"

Aug 2006   **American Society for Plant Biologists**

Programming Skills

Interpreted languages: R, Python, Perl
Bioinformatics software: bowtie, samtools, Bioconductor
Database management: SQLite
Version control: Git, Mercurial
Markup languages: HTML, CSS, LaTeX
Web framework: Django

Professional Affiliations

2013-now   **Genetics Society of America**

2013-now   **Society for Molecular Biology and Evolution**

2013-now   **National Postdoctoral Association**