

Benjamin H. Krinsky
Committee on Evolutionary Biology
The University of Chicago
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EDUCATION

2014 **The University of Chicago**
Ph.D. Evolutionary Biology
Advisor: Dr. Manyuan Long

2009 **The University of Chicago**
S.M. Evolutionary Biology

2005 **Yale University**
B.S. Biology, *magna cum laude*
Advisor: Dr. Leo W. Buss

AWARDS

2013 National Science Foundation Innovation in Graduate Education Challenge

- Third place, national contest (\$1500 prize)

2010 Society for Molecular Biology and Evolution Student Travel Award

2008 National Science Foundation GRFP Honorable Mention

2005 Phi Beta Kappa

2005 William R. Belknap Prize for Excellence in Biology, Yale University

- Two prizes given each year to seniors for excellence in the biological sciences

2005 Distinction in the Biology Major, Yale University

FELLOWSHIPS

2011-2013 Evolutionary Genomics GAANN Fellow, the University of Chicago

2007- 2010 NIH Genetics and Regulation Training Grant, the University of Chicago

2005-2006 Max Planck Institute Research Fellowship, MPI Leipzig

RESEARCH EXPERIENCE

2007-2014 Graduate Student
Committee on Evolutionary Biology
The University of Chicago (Chicago, IL)
Advisor: Dr. Manyuan Long

2006-2007 Research Associate I
454 Life Sciences Corporation (Branford, CT)

2005-2006 Research Intern
Department of Evolutionary Genetics
Max Planck Institute for Evolutionary Anthropology (Leipzig, Germany)
Advisors: Drs. Wolfgang Enard and Svante Pääbo

SERVICE AND RELATED ACTIVITIES

Public Policy & Politics

- 2014- Trainee Representative, Public Policy Committee, Genetics Society of America
2013 Extern, Division of Environmental Biology, National Science Foundation
(Arlington, VA)
Externship Advisor: Dr. Samuel Scheiner
2012 Voter Registration Data Organizer, Obama for America (Chicago, IL)
2009 Science Advocate, Coalition for the Life Sciences Capitol Hill Day, (Washington,
D.C.)
2008 Voter Registration and Turnout Neighborhood Canvasser, Obama for America
(Chicago, IL)

The University of Chicago

- 2013 Student Representative, Society for Molecular Biology and Evolution Annual Meeting
Planning Committee
2013 Student Representative, Committee on Evolutionary Biology Internal Program Review
2013- Contributing Writer, Bio for the Win (Science Outreach Blog)
2011 Student Organizer and MC, Symposium in Honor of Professor Leigh Van Valen
2008 Graduate Student Recruitment Representative, Committee on Evolutionary Biology

Yale University

- 2011-2012 Alumni Interviewer, Yale University Alumni Schools Committee
2011 Delegate, Association of Yale Alumni Emerging Leaders Forum
2005 Co-organizer, Yale Department of Ecology and Evolutionary Biology Student Steering
Committee

TEACHING EXPERIENCE

- Winter 2012 Teaching Assistant, Biological Sciences Collegiate Division
The University of Chicago
Course: The Public and Private Lives of Insects (BIOS 13140)
Winter 2010 Teaching Assistant, Department of Ecology and Evolution
The University of Chicago
Course: Introduction to Ecology and Evolution (BIOS 20185)

CONFERENCE PRESENTATIONS & WORKSHOPS

- 2010 'New Genes and Male Reproductive Function in *Drosophila*'
Society for Molecular Biology and Evolution Annual Meeting (Lyon, France)
- 2005 Guarda Workshop in Evolutionary Biology (University of Basel, Switzerland)

OTHER SELECTED PRESENTATIONS

- 2012 'Investigations of Young Genes in *Drosophila*'
Committee on Evolutionary Biology Retreat, the University of Chicago
- 2012 'New Gene Evolution in *Drosophila*'
Committee on Genetics, Genomics and Systems Biology Genetics of Model
Organisms Club, The University of Chicago
- 2010 'New Genes and Male Reproductive Functions'
Committee on Evolutionary Biology Retreat, the University of Chicago
- 2005 'Viability Selection and the Allorecognition Complex of *Hydractinia*
symbiolongicarpus'
Dept. of Ecology and Evolutionary Biology Undergraduate Research Symposium,
Yale University

PROFESSIONAL SOCIETY AFFILIATIONS

AAAS, Genetics Society of America, Society for Molecular Biology and Evolution

PUBLICATIONS

- Chen, S., **B.H. Krinsky**, and M. Long (2013). New genes as drivers of phenotypic evolution. *Nat. Rev. Genet.* 14(9): 645-660. DOI:10.1038/nrg3521
- Krinsky, B.H.** (2013). NextGen Speaks. *Science* 339: 30. DOI: 10.1126/science.339.6115.30
- Chen, S., X. Ni, **B.H. Krinsky**, *et al.* (2012). Reshaping of global gene expression networks and sex-biased gene expression by integration of a young gene. *The EMBO Journal* 31: 2798-2809. DOI 10.1038/emboj.2012.108
- Chen, S., H. Yang, **B.H. Krinsky**, A. Zhang, and M. Long (2011). Roles of young serine endopeptidase genes in survival and reproduction revealed rapid evolution of phenotypic effects at adult stages. *Fly* 5: 345-351. DOI: 10.4161/fly.5.4.17808
- Zhang, Y.E., M.D. Vibranovski, **B.H. Krinsky** and M. Long (2011). A cautionary note for retrocopy identification: DNA-based duplication of intron-containing genes significantly contributes to the origination of single exon genes. *Bioinformatics* 27: 1749-1753. DOI: 10.1093/bioinformatics/btr280
- Zhang, Y.E., M.D. Vibranovski, **B.H. Krinsky** and M. Long. (2010). Age-dependent chromosomal distribution of male-biased genes in *Drosophila*. *Genome Research* 20: 1526-1533. DOI: 10.1101/gr.107334.110
- Francks, C. . . **B.H. Krinsky** (20th author), *et al.* (2007). LRRTM1 on chromosome 2p12 is a maternally suppressed gene that is associated paternally with handedness and schizophrenia. *Molecular Psychiatry* 12: 1129-1139. DOI: 10.1038/sj.mp.4002053