

Curriculum Vitae

David Angeles-Albores
dangeles@caltech.edu
dangeles.github.io

C. elegans genetics and genomics

Education

- 2013-2018**
(expected) **PhD in Biochemistry and Molecular Biophysics**
California Institute of Technology
Transcriptome profiling strategies for classical genetics
Mentor: Paul W. Sternberg
- 2009-2013** **BA, *cum laude*, Molecular and Computational Biology**
Cornell University

Research Articles

Superscript † indicates equal contributions.

- Angeles-Albores, D.** & Sternberg P.W. **A study of allelic series using transcriptomic phenotypes.** *bioRxiv*, 2017.
- Angeles-Albores, D.†**, Puckett Robinson, C.†, Williams B. A., Wold B. J., & Sternberg P. W. **Reconstructing a metazoan genetic pathway with transcriptome-wide epistasis measurements.** *PNAS*, 2018.
- Angeles-Albores, D.†**, Leighton, D. H. W.†, Tsou T., Khaw T. H., Antoshechkin I., & Sternberg P. W. **Transcriptomic Description of an Endogenous Female State in *C. elegans*.** *G3 Genes, Genomes, Gen*, 2017.
- Angeles-Albores, D.**, Raymond Y. N. Lee, Chan J., & Sternberg P. W. **Phenotype and gene ontology enrichment as guides for disease modeling in *C. elegans*.** *bioRxiv*, 2017.
- Angeles-Albores, D.**, Raymond Y. N. Lee, Chan J., & Sternberg P. W. **Tissue enrichment analysis for *C. elegans* genomics.** *BMC Bioinformatics*, 2016.

Awards

- Florence C. Rose and S. Meryl Rose Endowed Scholarship, 2015
- Amgen Fellowship, 2014

Scientific courses

- Embryology, Marine Biological Laboratory at Woods Hole, 2015

Oral Presentations

1. *Introduction to the WormBase Enrichment Suite*, Worm, 2017

Teaching Activities

2017–2014

1. Teaching Assistant, Bi190, Systems Genetics, 2017
2. Teaching Assistant. Bi1, Introduction to Biology, 2016
3. Teaching Assistant. Be/Bi101, Order of Magnitude Biology, 2015
4. Teaching Assistant. Ch 7, Advanced Experimental Methods in Bioorganic Chemistry, 2014

Community Outreach

1. Instructor. *De Planarias y Derivas*, CdeCMX, 2016
2. Instructor, *De Genes y Animales*, CdeCMX, 2016
3. Guest Instructor, *Biología a través de los números*, CdeCMX, 2014

Scientific Societies

1. Genetics Society of America
2. Society for Developmental Biology