

Curriculum Vitae

David Angeles-Albores

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Specialties in genetics and bioinformatics of *C. elegans*

Education

- 2013-2019**
(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.

1. **Angeles-Albores, D.** & Sternberg P.W. **A study of allelic series using transcriptomic phenotypes.** *bioRxiv*, (2017).
2. **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. *in press, PNAS*, (2018).
3. **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).
4. **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).
5. **Angeles-Albores, D.**, Raymond Y. N. Lee, Chan J., & Sternberg P. W. **Tissue enrichment analysis for *C. elegans* genomics.** *BMC Bioinformatics*, (2016).

Awards

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

Oral Presentations

2017.

- *Introduction to the WormBase Enrichment Suite*, Worm

Scientific courses

2015. Embryology, Marine Biological Laboratory at Woods Hole

Teaching Activities

2017–2014

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

Community Outreach

2016.

- Instructor. *De Planarias y Derivas*, **CdeCMX**
- Instructor, *De Genes y Animales*, **CdeCMX**

2014.

- Guest Instructor, *Biología a través de los números*, **CdeCMX**