

# Curriculum Vitae

David Angeles-Albores

[dangeles@caltech.edu](mailto:dangeles@caltech.edu)

[dangeles.github.io](https://dangeles.github.io)

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 <sup>†</sup> indicates equal contributions.

1. **Angeles-Albores, D.** & Sternberg P.W. **A study of allelic series using transcriptomic phenotypes.** *bioRxiv*, (2017).
2. **Angeles-Albores, D.<sup>†</sup>**, Puckett Robinson, C.<sup>†</sup>, 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.<sup>†</sup>**, Leighton, D. H. W.<sup>†</sup>, 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