

# Yered H. Pita-Juárez

BIOSTATISTICS · COMPUTATIONAL BIOLOGY

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## Education

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### Harvard University

PH.D IN BIOSTATISTICS

Cambridge, MA

May 2018

- **Dissertation:** Three Aspects of Gene Expression: Pathway Coexpression, Cross-Species Analysis of RNA-seq Data, and Bias in Gene Coexpression.
- **Advisors:** Rafael Irizarry & Winston Hide

### California State University, Sacramento

B.A. IN APPLIED MATHEMATICS & STATISTICS, *summa cum laude*

Sacramento, CA

December 2009

## Work Experience

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### Dana Farber Cancer Institute

RESEARCH FELLOW

Boston, MA

September 2017 - PRESENT

- **PI:** Cheng-Zhong Zhang

## Publications

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**Pita-Juarez YH, Irizarry RA, Love MI.** (2018) A Statistical Method for Cross-Species Analysis of RNAseq Data. *In progress*

**Pita-Juarez YH, Altschuler G, Kariotis S, Wenbin W, Koler K, Green C, Tanzi RE, Hide W.** (2018) The Pathway Coexpression Network (PCxN): Revealing Pathway Relationships. *PLoS Computational Biology*, 14

**Pita-Juarez YH, Melanson S.** (2011) European Option Pricing Using a Combined Inverse Congruential Generator. *SIURO*, 4

## Presentations

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### Modeling the Effect of Copy Number Alterations in Breast Invasive Carcinoma Using Matching Normal Tissues

DANA-FARBER/HARVARD CANCER CENTER CANCER GENETICS RETREAT

Boston, MA

June 2018

### A Statistical Method for Cross-Species Analysis of RNA-Seq Data

JOINT STATISTICAL MEETINGS

Chicago, IL

August 2016

### PCxN: The Pathway Co-Expression Map

MATH ALLIANCE: FIELD OF DREAMS CONFERENCE

Phoenix, AZ

November 2014

## Honors & Awards

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2010 **CONACyT/Fundación México en Harvard**, Graduate Fellowship

2009 **American Statistical Association/CSU Sacramento**, Scholarship

## Skills

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<b>Languages</b>	Fluent in Spanish and English
<b>Advanced</b>	R
<b>Intermediate</b>	Unix, SLURM, LSF
<b>Basic</b>	Python, Matlab