

# JESSICA LAWSHE

## EDUCATION

### B.S. Biochemistry, Dean's Scholars Honors

2010

The University of Texas at Austin

Thesis Work: Identification and Characterization of Novel Peptide Modulators for Wild Type Glycine Receptors. *The Journal of Biological Chemistry*  
doi: 10.1074/jbc.M110.130815

### B.A. Spanish

2010

The University of Texas at Austin

Study abroad in Córdoba, Argentina focusing on Argentine literature.

## WORK

### Web Designer & Developer

2012–Present

Landes Bioscience

Lead the redesign of the visitor site for over 45 journals. Implemented new CMS based on MongoDB. Work closely with managing editors to update existing MySQL admin site to manage journal production. Integrated Twitter API for article tweeting from admin site. Access & display publisher statistics via PubMed Central & CrossRef APIs for article based metrics. Created new cart and checkout with payment processing via Authorize.net's Advanced Integration Method API. Maintain XML compliance with schema for archiving in the National Library of Medicine.

### Lab Manager & Research Scientist

2011–2013

The University of Texas, Institute for Cellular and Molecular Biology

Research focused on the molecular mechanisms maintaining pluripotent stem cells.

Budgeted material spending within \$200,000/year.

### Chemistry Specialist

2011

The University of Texas, Department of Chemistry and Biochemistry

Instructed four introductory chemistry labs, including experiments and office hours.

### Research Assistant

2009–2011

The University of Texas, Waggoner Center

Research focused on the development of a peptide to modulate ligand-gated ion channels involved in alcoholism and addiction.

## Designer & Developer

I'm self-motivated with a passion for learning. I enjoy building sites from the front & back end and enhancing the user experience.

## OBJECTIVE

Join a creative team using innovative web technologies

## CONTACT

JLawshe.com

Jessica@JLawshe.com

linkedin.com/in/lawshe

281-734-5517

## SKILLS

Amazon EC2

CSS & LESS

Git

HTML

JavaScript

JSON

Meteor.js

MongoDB

MySQL

Photoshop

PHP

Responsive Design

XML

Node.js

Advanced Proficient