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Jennifer Gonzalez

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## **Education**

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Texas A&M University: Biomedical Sciences major & Art minor

Senior, GPA 3.5

## **Projects**

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**Ilumitherapy** is a mobile application that uses Ilumi smart bulbs to provide light therapy as treatment for various disorders, including depression, Alzheimer's disease, insomnia, etc.

*\*2016 HackDFW: Ilumi Challenge Winner*

**Reminiscence** is a mobile application that provides art and music therapy to Alzheimer's patients. The app allows the patient's therapist and loved ones to collaborate, in order to trigger memories.

*\*2016 HackRice: Best Use of Amazon Web Services Challenge Winner*

**OneHealth** is a mobile application that facilitates patient/doctor communication. It allows patients to report daily symptoms, physical activity, & diet. OneHealth forwards this report to the physician via e-mail, and they can advise on any changes to the patient's lifestyle or medication.

*\*2015 HackTX: KPCB Build for Good Challenge Winner & context.io Challenge Winner*

## **Experience**

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**Future Public Health Leaders Program**, University of Michigan

Summer 2016

*Fellow*

- Collectively conducted 300 surveys to assess the needs of Washtenaw County, MI
- Analyzed community environment to report resource availability in Washtenaw County, MI
- Translated surveys and info-graphics into Spanish
- Evaluated and presented results to the Unified Needs Assessment and Implementation Plan Team Engagement (UNITE) staff and FPHLP cohort
- Volunteered with Focus: HOPE; The National Kidney Foundation; Flint, MI; & Food Gatherers

**The Corner Health Center**, Ypsilanti, MI

Summer 2016

*Intern*

- Educated patients about healthy lifestyles through nutrition classes and the farmer's market
- Evaluated programs through participant feedback and presented data to CHC staff
- Gathered and analyzed data through AthenaHealth database and patient/staff surveys
- Evaluated information to determine causes of high no-show rates
- Implemented strategies to reduce no-show rates

**TAMU Undergraduate Research**, College Station, TX

2015-Present

*Veterinary Integrative Biosciences Department, Present*

- Conducted genetic research on breast cancer and its effects on minority women

*Biology Department, 2015-2016*

- Conducted microbial/genetic research on fungal bacteria *Neurospora crassa*

**TAMU Global Medical Brigades—Nicaragua**

2014-2015

*Volunteer*

- Fundraised with GMB team to purchase medications and supplies
- Worked with a doctor, dentist, and pharmacist to treat approximately 850 patients
- Built concrete floors, washing stations, and septic tanks for two homes
- Interpreted between students, health professionals, and patients

## **Additional Skills**

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- Bilingual: English & Spanish
- Photographer & Graphic Designer