

# Ardem Elmayan

2401 Houma Blvd., Apt. 113, Metairie, LA 70001  
401.207.8437 ▪ aelmayan313@gmail.com ▪ www.linkedin.com/in/ardeme

## Education

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**Tulane University School of Public Health and Tropical Medicine** Spring 2018

*Master of Public Health: Epidemiology*

- Relevant Coursework: Epidemiologic Methods, Biostatistics, Epidemiology of Infectious Diseases, Biological Basis of Health and Disease, SAS
- Cumulative GPA: 3.4

**University of Rhode Island College of the Environment and Life Sciences** Summer 2014

*Bachelor of Science: Cell and Molecular Biology*

- Relevant Coursework: Immunology and Serology, Pathogenic Bacteriology, Genetics, Diagnostic Microbiology, Advanced Microbiology
- Cumulative GPA: 3.0

## Experience

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**Tulane University** Feb. 2017 - Present

*Graduate Research Assistant*

- Perform diagnostic molecular/serological tests for Chagas disease using ELISA, PCR, and RDT
- Conduct fieldwork to trap Chagas infected vectors and reservoirs
- Analyze next generation sequence products using Geneious software

**Rhode Island Hospital** 2015 - 2016

*Research Assistant - Pathology*

- Created tissue sections and tissue microarrays for IHC analysis
- Performed immunohistochemistry testing for cancer pathology research
- Preserved surgical resections in FFPE blocks, OCT compound, and RNALater
- Provided general assistance to PIs with clinical research trials and surgeries

**Pfizer** 2014 - 2015

*BioBank Laboratory Technician*

- Supported design and validation of production for legacy Phase III trials of Lipitor
- Utilized Tecan automated instruments for DNA extractions and sample aliquots
- Shipped/received/cataloged biofluid samples for large research trials
- Assisted with calibration and troubleshooting of new aliquot process

**University of Wisconsin, Madison, WI** Summer 2012

*Research Intern – Neurological Surgery*

- Studied effects of Resveratrol on tumorigenicity of Glioblastoma Multiforme stem cells
- Performed western blotting and protein quantification
- Completed extracurricular practica in lab animal methodology and surgery
- Attended weekly science seminars and lab meetings
- Presented findings at symposium and in journal articles

## Publications

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[“Clinton Woolsey: Functional Brain Mapping Pioneer”, Journal of Neurosurgery, Oct. 2014](#)

[“Resveratrol targeting of AKT and p53 in glioblastoma and glioblastoma stem-like cells to suppress growth and infiltration”, Journal of Neurosurgery, Jul. 2016](#)

[“TCTE3 is a Novel Marker for Pancreatobiliary Tumors”, American Journal of Clinical Pathology, Sep. 2016](#)