

Mary Casillas

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469-235-9376

Education:

Texas A&M University

B.S. Earned May 2018

- ASBMB accredited B.S. Biochemistry
- Minor in Art

Skills: Project Management, Communication, Conduct Genetic Experiments, Proficient in Adobe Illustrator, Photoshop and InDesign, Exhibit Design, Curation, Academic Research, Content Marketing

Experience:

Teaching Artist

Jun 2019- Aug 2019

The River Performing and Visual Arts Center Houston, TX

- Design and plan curriculum for bi weekly art classes
- Teach and lead art classes for individuals with disabilities ages 4 through 19 years old
- Manage and guide volunteers working one on one with students

Contract Exhibit Consultant

Apr 2019 - Aug 2019

The Health Museum Houston, TX

- Create floor plans for traveling and permanent exhibits
- Curate and organize content for permanent and traveling exhibits
- Edit exhibit digital files for printing and digital media through Adobe Illustrator and Adobe InDesign

Science Educator

Jun 2018- Apr 2019

The Health Museum Houston, TX

- Support the exhibition team to develop, polish, install and evaluate exhibitions.
- Design curriculum materials including program marketing, social media images, t-shirt designs, and custom stickers.
- Interact with guests at the museum, including teaching dissection classes for field trips and helping guests interpret exhibit content.
- Informally educate museum guests, PreK through senior citizens.

Scientific Illustrator

May 2014 – Present

- Texas A&M University: Create graphic abstracts for biochemical publications, biochemical research posters, graphics for a lab publication in College of Medicine
- The Health Museum: Design curriculum materials for K-12th Grade, education program marketing materials, content for social media, website and exhibits

Past clients also include: Plano Independent School District, WaterWorks Houston, EduKidchen Houston, March Mammal Madness

March Mammal Madness Art Contributor

Dec 2017-Present

- Illustrate 64 ink and digital drawings for the annual March Mammal Madness event. Each drawing requires extensive research to ensure the mammal is illustrated with scientific accuracy. The 2018 conference reached over 10,000,000 Twitter accounts. The 2019 MMM year reached over 3,000 educators who engaged 250,000 students with their curriculum. I work with a team of artists to contribute all the supplemental art material for the scientific narrations.

Internship

Biodiversity Research and Teaching Collections

May 2016- May 2018

Texas A&M University Wildlife & Fisheries Department

- Curate tissue cultures and mammalogy specimens for multiple genetic projects.
- Edit a document of student resources for the Wildlife and Fisheries Department students and faculty.

Fellowship

TAMU RISE (Race Identity and Social Equity) Conference

Apr 2017-Feb 2018

Texas A&M University Department of Multicultural Services

- Attended National Conference on Race and Ethnicity 2017
- Conducting research to present at the TAMU RISE conference regarding the experiences of Asian Pacific Islander Desi American students on campus.

Undergraduate Research Technician (20+ hours)

Texas A&M University Dr. Visual Gohil's Biochemistry & Biophysics Department

Jun 2015- Feb 2016

- Conduct genetic experiments concerning protein and gene pathways in yeast mitochondria, with interest in the involvement of co-factors.
- Create graphics to support the lab, including paper abstract images, research posters and presentations.
- Design Figure 8 for the following publication in *Molecular Biology in the Cell* (credit given in Acknowledgments): <http://www.molbiolcell.org/content/early/2016/05/23/mbc.E15-12-0865.abstract>.

Involvement:

American Alliance of Museums Member

Jun 2019- Present

Committee Chair

Apr 2016-May 2018

Texas A&M University Memorial Student Center Visual Arts Committee

- Lead the project management of a student curated art gallery, Reynolds Gallery.
- Coordinate with a team of 8 executives to implement effective programs and manage 40 members.
- Initiate a stewardship newsletter to connect with former VAC members. Each newsletter includes a 5 minute video tour of each exhibition and features interviews with artists.
- Represent VAC as a voting officer for the MSC Officer program approvals.
- Communicate across departments to plan logistics of committee events.

Gallery Director Executive

Jun 2015- Apr 2016

Texas A&M University Memorial Student Center Visual Arts Committee

- Teach student members the protocol for working in the Reynolds Gallery and safety.
- Manage the Reynolds Gallery installations.
- Conduct marketing campaign to peak interest in volunteering at the Reynolds Gallery.