Rachel Panico

(727) 459-8014 • RachelPanico@hotmail.com • St. Petersburg, FL 33702

**CAREER OBJECTIVE**

My objective to be of aid in creating, developing, and researching scientific methodologies in a lab setting to both further my knowledge and benefit my employer.

**EDUCATION**

**Bachelor of Science in Cell and Molecular Biology, GPA- 3.53/4.0** Graduated: Dec. 2019

University of South Florida (USF) – Tampa, FL

Relevant Courses: Molecular Biology of the Cell, Molecular Biology of the Gene, Human Genetics,

Organic Chemistry I & II (and subsequent labs)

**MOLECULAR BIOLOGY RESEARCH EXPERIENCE**

*Lab Assistant - Cell and Molecular Biology Research in Alternative Splicing April 2018 – Dec 2018* University of South Florida – Tampa, FL PI – Dr. Margaret Park

* Research focus: splicing variants of Cytoplasmic Polyadenylation Element Binding Protein (CPEB2) in knockout mice constructs to study their effects in hypoxia
  + Made and prepared agarose gels for gel electrophoresis
  + Split human umbilical cells (HUVECs)
  + Prepared and diluted DNA samples for polymerase chain reactions (PCR)

**LEADERSHIP AND ACTIVITIES** \_

* Cell and Molecular Biology Club Member
* President of Future Business Leaders of America Florida District 12
* President of All Children’s Hospital Medical Explorers Post #979

**WORK HISTORY**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* LGBTQ+ Youth Programs Facilitator at METRO Inclusive Health
  + Run Peer Support groups and social Youth Nights for queer teens aged 13-17
  + Run Young Adult Social meetups for queer young adults aged 18-29

**VOLUNTEER AND COMMUNITY ENGAGEMENT**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Salvador Dali Museum
* Ronald McDonald House
* Bayfront Medical Center

**HONORS AND AWARDS**

National Merit Scholar

Phi Eta Sigma Honor Society

Honors College Student (2015-2018)

Undergraduate Research and Arts Colloquium Presenter

Honors Living Learning Community

**SKILLS AND CERTIFICATIONS**

Certified Microsoft Office Specialist

Conversational Spanish (5 years)

Computer Programming Languages: C#,

Java

Adobe Photoshop CS6 Certification