**Purbasha Rahman**

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**Education:**

**University:** University of Miami Miami, FL/US

*Bachelor of Science in Microbiology and Immunology* Class of 2021

*Bachelor of Arts in Women and Gender Studies*

**Honors:** Presidential Scholarship, Florida Academic Scholars Designation, Bright Futures Medallion Scholar,

Bayuk Arts and Science Scholarship

**High School:** Suncoast High School Riviera Beach, FL/US

International Baccalaureate Degree Class of 2017

Top 10% of graduating class

**GPA**: 3.71/4.0 **HPA:** 4.9/4.0

**Leadership:**

Undergrad. **Junior Vice President, Beta Beta Beta Biological Honors Society** *Lead officer and member meetings; Organize informational meetings for members regarding research and guest speakers*

Undergrad. **Co-founder/Treasurer, UMiami Abhinaya Dance Club**

*Founded a club to promote the art of Classical Indian Dance, including Bharatanatyam, Kathak, and Kuchipudi; Perform at events around campus; Teach dance to younger girls in the local Miami area*

10, 11, 12 **Dance Teacher, Natyadeeksha Dance Academy**

*Taught young girls Classical Indian Bharatanatyam dance and choreograph dances for cultural shows*

11, 12 **Vice President, Suncoast Student Ambassadors** *Designed and executed school-wide activities to promote anti-bullying and create a healthy, safe environment for all students; Led officer and member meetings*

**Honor and Awards:**

Undergrad. **Beta Beta Beta Biological Honor Society** *An honor society dedicated to improving the understanding and appreciation of biological study and extending boundaries of human knowledge through scientific research*Undergrad. **Bharatanatyam Arangetram Graduation Certification** *An Arangetram is the “ascendance to the stage” by a dancer on the completion of their formal dance education and certifies them to teach their own classes*

**Experience:**

Undergrad. **Research Assistant, Dr. Norenberg’s Neuropathology lab at Miami VA Hospital** *Assist with experiments to investigate cellular mechanisms involved in brain cell degeneration and explore ammonia- and trauma-induced effects on astrocytes. Skills include inducing trauma, cell treatment, animal dissection, cell lysis, cell collection*

Undergrad. **Clinical Researcher, Dr. Bandstra’s Neonatology lab at Jackson Memorial Hospital**

Undergrad. **Undergrad. Teaching Assistant in Howard Hughes Medical Institute Integrated Lab** *Worked with professor Dr. Sarkar to teach biology/chemistry experimental procedures and allow for students to gain laboratory skills necessary for authentic research in a wet lab.*

Undergrad. **Pediatric Immunology Shadowing (50 Hours)** *Observed the patient care of Dr. Kleiner and Dr. Padron at Lennar Medical Center*

Undergrad. **Medicine and Neuromedicine International Shadowing (60 Hours)**

*Attended follow up’s and rounds with physicians and interns at the Holy Family Red Crescent Medical College Hospital in Dhaka, Bangladesh*

11, 12 **Intern at The Scripps Research Institute** *Studied the effects of neurotransmitters FMRFamide on the neurons of Aplysia Californica, revealing a decrease in alpha tubulin and long-term depression. Full-time internship was 40 hours per week, learning Aplysia dissections, western blots, pipetting, gel electrophoresis, and bacterial plating*

**Activities:**

Undergrad. **Beta Beta Beta Biological Honor Society**

Undergrad. **American Medical Student Association**

Undergrad. **UJhoom Bollywood Fusion Dance Team**

9,10,11,12 **Volunteer, Jupiter Medical Group**  *Shadowed physicians; aid medical assistants* *taking vitals and scribed for physicians*