

Patrick Baumann
INSPIRE WILLIAM TAYLOR MEMORIAL SCHOLARSHIP APPLICATION

A career supporting space exploration has always been my dream and my goal. I am considering several paths toward this goal such as physics, astronomy, or even meteorology. My interest in space spans many years. My grandfather has been taking me to Johnson Space Center in Houston since childhood. After my first trip, I knew that this world would be my ambition. His countless stories of his time as an engineer on the Apollo Lunar Module team, along with my visits to JSC, have solidified my goal and desire.

At the age of seven, I was diagnosed and treated for cancer. The impact on my life was brutal. It had spread throughout my body. It was painful and uncomfortable, but most of all it was frightening and confusing. I had many surgeries, gallons of chemo, and hundreds of needles. It was terrible. But since my last treatment nine years ago, the impact of my new-found awareness of cancer has been both positive and hopeful. In the unfortunate world of cancer, I am one of the fortunate ones - I survived, and because of this I have a new sense of purpose. I've often wondered how all those amazing advances in space exploration could somehow be applied to medical science. People joke that we can put astronauts on the moon and bring them safely home, but we are still searching for cures for cancer. I ask why?

Recently, I learned about a collaboration between NASA and several medical research universities called the Translational Research Institute for Space Health (TRISH). This initiative has captivated my interest. The mission of TRISH is to "find health technologies to predict, protect, and preserve astronaut physical and mental wellness during space missions." NASA is bringing together the brightest minds in both healthcare and space exploration to find solutions to space-related health issues. As an aspiring space exploration scientist, this is the project for me!

Through a combination of space exploration and healthcare, TRISH is the most amazing and interesting thing I have learned about and is exactly what I desire in an education and a career. The simple objective of TRISH is to reduce the health risks of humans in space, but I am certain that there is a link between reducing health risk in space and reducing health risk on earth. Through research, observation, and analysis, and together with my professors at George Washington University, I will use every effort to find this elusive link.

My family has struggled financially for several years. My father lost his long time job in 2013 and has only been able to find part-time work since 2016. Thankfully, my mother found a job as a teacher's aide, but her pay is small. Funding for my college education must come almost entirely from grants and scholarships. A much needed scholarship from Inspire would help to alleviate our very challenging family financial situation. I sincerely hope the scholarship committee will find my circumstance well suited for assistance.

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Letters of recommendation from Mr. Eduardo Quezada and Mr. Paul Homer will arrive separately by email. Thank you.



FORDHAM PREPARATORY SCHOOL

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Patrick M. Baumann
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New York, NY 10280
DOB: 09/08/2001 SS#: XXX-XX-9017
Birthplace: New York, NY

Entry Date: 09/09/2015
Student ID: 219018
Prior School: Battery Park City School/IS 276, New York, NY
Withdrew:
Reason:
Graduation Date:

15-16 Fordham Preparatory School

English 1	B+	1.00
Introduction to Computers	B+	0.50 EX
Algebra 1	A	1.00 EX
Global 1	B+	1.00
Biology	A	1.00 EX
Latin 1	B+	1.00
Theater Arts	P	0.50
Religious Studies 1	A	1.00 EX
Health/Physical Education	P	0.50

15-16 General Excellence & Scholarship

17-18 Fordham Preparatory School

English 3 H	A	1.00 EX
Precalculus	B+	1.00 EX
US History H	B	1.00
Physics	A	1.00 EX
Latin 3	A	1.00 EX
Religious Studies 3	A	1.00 EX
Physical Education	P	0.50

17-18 General Excellence & Scholarship

16-17 Fordham Preparatory School

English 2	A	1.00 EX
Geometry	A	1.00 EX
Global 2	B+	1.00
Chemistry H	B	1.00
Latin 2	A	1.00 EX
Theater Arts	P	0.50
Religious Studies 2	B+	1.00 EX
Physical Education	P	0.50

16-17 General Excellence & Scholarship

18-19 Fordham Preparatory School

The Quest Motif in Literature H
Calculus
Economics H
Engineering Science
Aeronautical Science
Latin 4
Christian Quest for Social Justice
Physical Education
Service

9th GPA: 3.75
9th GPA(Wgt): 3.75

11th GPA: 3.75
11th GPA(Wgt): 3.83

10th GPA: 3.67
10th GPA(Wgt): 3.71

12th Gpa:
12th GPA(Wgt):

Cumulative GPA: 3.72
Cumulative GPA(Wgt): 3.76

Grading Scale

(prior to 18-19)	(18-19 and after)
A = 100-90	A = 100-93 A- = 92-90
B+ = 89-85	B+ = 89-87
B = 84-80	B = 86-83 B- = 82-80
C+ = 79-75	C+ = 79-77
C = 74-70	C = 76-73 C- = 72-70
D = 69-65	
F = below 65	
P = Pass	
S = Satisfactory	

- UNIV - Course taken at Fordham University
- JVLA - Distance learning, Jesuit Virtual Learning Academy
- ONL - Distance Learning, other approved provider
- AP - Advanced Placement Course
- Adv H - Advanced Honors Course
- H - Honors Course

Legend
General Excellence and Scholarship is voted by the faculty to a student who demonstrates high achievement, responsible creativity and initiative and effective independent study in all subjects.

Academic Awards

EX = Subject Award. Excellence is granted to a student who shows the above qualities in a given subject.