

Eugene Oh
8 Kings Rd, Sharon, MA
781-467-9870

**The Michael C. Rothberg September 11th Memorial Scholarship
2019 Application**

Please include your full name, address and phone number on each attached document.
Adjust space to accommodate your information.

Applicant Information:

Student's Full Name: Eugene Oh

Date of Birth: November 30, 2000

Home Address: 8 Kings Rd, Sharon, MA

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Mother's Name: Chung Oh

Daytime Tel: 781-571-9145

Father's Name: Steven Oh

Daytime Tel: 781-571-9134

1. YOUR EXTRACURRICULAR ACTIVITIES

Bluefish Swim Club (Grade 9,10)

New England (NE) Top Swimmer ('15, '16); top 3 for 100M, 200M Backstroke (BK) in NE for age ('15, '16); injury-Nov. '16

Boston U. Medical School: Research Assistant (11, 12)

Analyzed proteomic data for post-translational modifications in CTE and bladder ischemia; presented findings at VA conference

Latin Club; President (12), Member (9,10,11)

Lead discussions, create presentations, organize fundraisers and events, create trivia questions to prepare for Certamena

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Foreign Language National Honors Society; President (11,12)
Direct town-wide language tutoring, organize events such as culture fair, oversee Polylingua (magazine); 70 members

Natural Science Club; Co-founder and President (10, 11, 12)
Initiated high school volunteer program at Moose Hill Wildlife Sanctuary; perform trail maintenance, build park structures

Physician Shadowing (10, 11)
Shadowed doctors in various specialties, interacted with patients

2. COMMUNITY SERVICE ACTIVITIES

Sandwich Sharks Special Olympic Swim Team Coach (10, 11, 12)
Instruct practices, lifeguard, coordinate events with coaches, travel to competitions

Good Samaritan Medical Center / Copley Nursing Home (10, 11)
Escort patients around the hospital; lead activities like bingo and storytelling for elderly

National Honors Society (10, 11, 12)
Attend weekly meetings, tutor Latin and AP Chemistry, clean school courtyard, help with garage sales and school events, fundraised for Red Cross

3. EMPLOYMENT EXPERIENCE

Dana Farber Cancer Institute: Summer Internship (12)
Analyzed multiple myeloma tissue samples for mutation profiling; wrote research report

I was one of 100 high school students from across the U.S. to be chosen for the Emperor Science Award program sponsored by Stand Up to Cancer and PBS LearningMedia. The competition entailed that I conduct online research on cancer and write several related essays. As an award winner, I received an internship opportunity with the Dana Farber Cancer Institute and Harvard Medical School, a Google Chromebook, and a \$1500 stipend. My research was conducted under the supervision of Dr. Mark Bustoros in the Ghobrial lab.

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4. ANY OTHER INTERESTS

My other passions include exploring classical studies, particularly Latin, and reading scientific literature about exercise physiology.

5. What are you interested in studying in college? Have you considered any specific career goals yet?

I am interested in studying Entrepreneurship & Technology Management while fulfilling premedical courses. My main career goal is to become a physician-scientist in the field of orthopedic sports medicine. I've dealt with several injuries, which have barred me from sports (my biggest interest in the past), so I hope to be the best doctor I can by truly empathizing for my patients. I also aspire to combine my love of entrepreneurship with my passion for medicine and science while pursuing this path.

6. List the colleges you have applied to and the status of your applications.

Brown University Program in Liberal Medical Education (8-year combined medical program) - Accepted via Early Decision

7. Which college is your first choice? Why?

Brown has always been my first choice since I was 12-years-old when I first visited the school for a swim meet. I immediately fell in love with the campus and surrounding area, and as I visited more and more, this affinity only deepened. Although my swimming career was put to an end by a lumbar spine injury, my attachment to the school remained, especially when I learned about its expansive Open Curriculum, one which would allow me to take academic risks while pursuing my ultimate passion: medicine. I am so grateful and excited to be able to live out my childhood dream during the next eight years.

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Describe your personal goals, challenges or commitments and how you will draw on what you've learned about Michael Rothberg's legacy to inspire your own.

From the moment I started swimming at age nine, I developed an affinity for the water; I fell in love with every turn, stroke, and breath. I committed my life to it, training vigorously for hours every day. Swimming for miles at a time, I was the epitome of health. Then, suddenly, I was sidelined. All that training produced a stress fracture in my lumbar spine, barring me not only from swimming, but from my old life. Reduced from race-ready to bed-rest, I couldn't grasp my fate at the time.

Fortunately, I understand it now. My injury put an end to my swimming career, but gave me a brief insight into the struggles of the chronically ill. Luckily, after a long year of x-rays, MRI scans, and physical therapy, I regained my good health. Grateful and relieved, I also developed a passion for medicine, for its ability to heal my body and spirit. The doctors who devoted themselves to my care displayed the utmost expertise and compassion, and I pledged to myself that I would join their ranks -- to make a difference in other people's lives.

After learning about Michael's story, I hope to emulate his legacy of ethical commitment and utmost charisma when treating my future patients. I know there are countless others with ailments and injuries far greater than my own. Nonetheless, my brush with suffering allows me to empathize with them on a deeper level. I intend to take the same approach as Michael -- one guided by kindness, humor, and compassion -- to treat them not just as patients, but fellow human beings.