

Benjamin L. Grannan

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Education	Massachusetts Institute of Technology (MIT) <ul style="list-style-type: none">• Candidate for Bachelor of Science degree in Physics• Candidate for minor in Biology and humanities concentration in Spanish• Relevant Course Work: Quantum Physics I, Special & General Relativity, Waves and Optics, Single & Multivariable Calculus, Differential Equations, Genetics, Biochemistry, Organic Chemistry• GPA: 4.8/5.0 Cambridge, MA 2005-2009
	St. Thomas Aquinas High School <ul style="list-style-type: none">• Class Valedictorian, President of Student Advisory Board (4-year member)• Varsity Athlete: Football and Baseball• Ranked GPA (4.6/4.0), SAT: Math-800 Verbal-670 Dover, NH 2001-2005
Experience	Study Abroad <ul style="list-style-type: none">• Studied Spanish in Madrid during a one-month winter term. Madrid, Spain <i>January 2007</i>
	XeMED: University of New Hampshire <i>Research Assistant</i> <ul style="list-style-type: none">• Worked as an employee of XeMED-a world leader in xenon gas pulmonary imaging technology.• Constructed, calibrated, and interfaced a gas flow system that is currently being used to measure optimal thermodynamic conditions for rubidium-xenon spin exchange.• Acquired valuable laboratory experience and LabView coding skills. Durham, NH <i>Summer 2006</i>
	Portsmouth Regional Hospital & Wentworth Douglas Hospital <i>Volunteer/Observer</i> <ul style="list-style-type: none">• Volunteered in the Case Management Dept. at a local hospital; also attended morning rounds through the ICU.• Observed various ophthalmology surgeries as well as medical oncology patient visits and examinations. Portsmouth/Dover, NH <i>Summer 2004/Dec. 2007</i>
	Grannan Masonry <i>Masonry laborer and apprentice</i> <ul style="list-style-type: none">• Gained fundamental construction skills, knowledge of the masonry trade, and an appreciation for physical labor. Seacoast, NH <i>Summers of 2003-05</i>
Leadership	Lambda Chi Alpha Fraternity <i>President</i> <ul style="list-style-type: none">• As a sophomore, currently leading a house of 50 brothers and an annual budget of \$150,000.• Introduced internal organization through the establishment of an executive committee and officer groups. Boston, MA <i>Dec. 2006-Current</i>
	<i>Secretary</i> <ul style="list-style-type: none">• Served as house record keeper and started a system of house-meeting minutes distribution.
	MIT Varsity Football <ul style="list-style-type: none">• Joined the team sophomore year and shared starting time at running back. Cambridge, MA <i>Sept. 2006-Present</i>
	iMath Tutor: MIT Public Service Center <i>Volunteer tutor</i> <ul style="list-style-type: none">• Worked as a weekly math tutor for a group of two to three Cambridge eighth graders. Cambridge, MA <i>Fall 2005</i>
	Center for Student Leadership: Mission Trip to Bolivia <i>Volunteer</i> <ul style="list-style-type: none">• Traveled three times to Tarija, Bolivia to assist in the construction of a small Christian school which now stands as a model of education in the city.• Through approx. 200 hours of work and fund raising, helped to provide a place of education for around 175 students. Tarija, Bolivia <i>June 2003, 04, 05</i>
Skills	Proficient in Java, LabView, and Excel; conversational in Spanish; Registered EMT in Massachusetts
AWARDS	<ul style="list-style-type: none">• Member of the National Society of Collegiate Scholars-MIT Chapter• Robert C. Byrd Scholarship, awarded to top 1% of U.S. students for Academic excellence• St. Thomas Aquinas High School Award for academic performance and community commitment (given to one male and one female in graduating class)• William Loeb Scholar-Athlete of the Year (given to one graduating high school senior in NH)• 1st Team All-State Football & 3rd Team All-State Baseball in NH• National Football Foundation and College Hall of Fame: Joe Yukica NH Chapter