

# Jenna Melanson

jennamel@mit.edu • 360.200.9317

## Education

MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE, MA  
*Undergraduate in Biological Engineering* 2016-PRESENT

LA CENTER HIGH SCHOOL LA CENTER, WA  
*Valedictorian, Senior Class President* JUNE 2016

## Honors and Awards

Congress of Future Medical Leaders and Physicians attendee and scholarship recipient 2016  
National Honor Society President 2016  
AP Scholar with Distinction 2016  
American Association of University Women math and science honoree 2014, 2015

## Research Experience

MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE, MA  
*Undergraduate Researcher, Shalek Lab* JUNE 2016 - PRESENT  
Longitudinal profiling of B cells across Ocrelizumab treatment in multiple sclerosis patients, with the aim of identifying changes in gene expression and cell phenotype.

OREGON HEALTH AND SCIENCES UNIVERSITY CAMBRIDGE, MA  
*Intern, University Center for Excellence in Developmental Disabilities* JUNE 2016 – AUGUST 2016  
Reviewed literature for a paper on speech duration conversion for Alexander Kain in the Center of Spoken Language Understanding. Helped with computations of speech duration conversion, for use in speech transformation devices for individuals with varying forms of dysarthria. Received job training in the disability field.

## Community Outreach

Summer school tutor, La Center Middle School 2014-2015