

Diana Wang
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Education: **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** Cambridge, MA
Candidate for BS degree in Biology and minor in Economics *June 2012*
GPA: 4.6/5.0

VASSAR COLLEGE Poughkeepsie, NY
Coursework: Probability Models, Protecting Information (Cryptography) 2007-2008

ARLINGTON HIGH SCHOOL (AHS) LaGrangeville, NY
Graduated 3 out of 700: GPA: 107/100 *June 2008*

Leadership / **BAKER LEADERSHIP MENTORS** 2008-Present
Activities *Mentor*
- Working with a freshman in Baker Dorm to adjust to MIT and develop leadership skills.

MIT WOMENS VARSITY SWIM TEAM 2008-2009
Athlete
- Swam in backstroke and freestyle events, which contributed to MIT's second place win at NEWMAC Championships.

AHS NATIONAL HONOR SOCIETY 2007- 2008
Vice President of High School Chapter
- Represented Arlington High School's Chapter of National Honor Society by acting as guest speaker at the inauguration of Junior National Honor Society members. Organized the logistics for Class of '08 mural painting.

Work **UROP: JACKS LAB** Cambridge, MA
Experience: *Research Intern* 10/2009- Present
- Using the mouse model to investigate the role of the Nkx gene in lung tumor development. Nkx is crucial in lung development but its role in the progression and metathesis of lung cancer is still being investigated. My project is the research the pathway that regulates Nkx upstream,

UROP: GUARENTE LAB Cambridge, MA
Research Intern 1/2009- Present
- Assist in the lab with preparing samples for histology, tending to mice colony, sectioning brains, using microscope to take pictures of brain sections, and carry out behavior experiments with mice to research the effects of the SIRT1 gene on Alzheimer's. Will be the second author on a paper that is currently under review by *Nature* magazine.

Skills: Computer skills: Microsoft Word, Excel, Powerpoint
Laboratory Skills: Cell culturing, protein and DNA gel electrophoresis, immunohistochemistry

Awards: - National Merit Scholarship Finalist, 2008
 - IBM Watson Scholarship 2008
 - AP Scholar with Distinction 2007 and National AP Scholar 2008