**Education Massachusetts Institute of Technology (MIT) Sophomore** Cambridge, MA

Coursework includes: Chemistry, Multivariable Calculus, Mechanics, Class of 2015

Biology, Organic Chemistry I and II, Electricity and Magnetism,

Differential Equations, Chinese III, Intro. to Programming

**La Cueva High School** Albuquerque, NM

Valedictorian in class of 498 students; SAT: 2260, ACT: 34 May 2011

Relevant Courses: AP Calculus AB and BC, AP Biology, AP Chemistry

**Leadership MIT Society of Women Engineers Board Member** Cambridge,MA

Big/Little Sister Program Coordinator 2012

**Team HBV Campus Outreach Board Member** Cambridge, MA

Work to spread awareness of Hepatitis B in Boston community and May 2012

at MIT

**La Cueva Science Olympiad** Albuquerque, NM

Secretary 2009-2010, President 2010-2011 2007-2011

* + - 2nd place Science Olympiad Team in 2009, 3rd place Science Olympiad Team in 2010 and 2011

**National Honor Society La Cueva Chapter Member** Albuquerque, NM Officer (2010-2011) (Member) 2009-2011

* Helped organize various community service projects, such as a Teddy Bear Tree, food drives, and genocide awareness

**La Cueva High School Camerata (Orchestra)** Albuquerque, NM

Treasurer (2009-2010), Secretary (2010-2011) 2007-2011

* Handled orchestra finances, took attendance, and helped organize social events

**Research Undergraduate Research at MIT Sinskey Lab** Cambridge, MA

Conducted research on genetically engineering bacteria to Summer 2012 onwards

produce isobutanol

**MIT 7.391 Biology Laboratory Course** Cambridge, MA

Learned molecular biology techniques such as serial dilutions, gel January 2012

Electrophoresis, calculating phage titer, identifying bacteria

**Work MIT Admissions Caller** Cambridge, MA

Called prospective students to help with admissions process Summer 2012

**MIT Grader** Cambridge, MA

Grade problem sets for Freshman Biology class Fall 2012

**Albuquerque Youth Symphony Quartet** Albuquerque, NM

Violinist 2009-2010

* Played at YMCA banquets, Albuquerque Youth Symphony fundraisers, and weddings.

**Skills Piano:** Played since age of 6

**Chinese:** Speak conversationally

**Activities Association of Taiwanese Students (at MIT)** Cambridge, MA

**& Awards**

**MIT Symphony Orchestra** Cambridge, MA

Social Chair 2012-2013

2nd Violinist Since August 2011

**Albuquerque Youth Symphony Program** Albuquerque, NM Tours to Australia, Colorado, and Philadelphia 2005-2011

**New Mexico Music Educators Association All-State Symphony Orchestra** Albuquerque, Violinist NM 2007-2011

**Summer Science Program** Socorro, NM

* Courses taken (not for credit): Astronomy, Programming, Summer 2010

Math/Calculus, and Physics

* Completed a research project where we determined the orbit of an asteroid in a group of 3

**$11,000 Woodcock Scholarship Recipient** 2011

Awarded to two Albuquerque Seniors

**Presidential Scholar Semifinalist** 2011

**National Merit Finalist and Recipient of $2500 National Merit Scholarship** 2011

**AP Scholar with Distinction** 2010

**$2000 Energy Solutions Foundation Scholarship Winner**  2009

**Member of Spanish Honor Society, National English Honor Society**  2011