8:35-8:55 Uwe Bergmann, a graduate from Stony Brook University, is a Senior Staff Scientist at SLAC and the Deputy Director of the Linac Coherent Light Source at the Laboratory. His research activities are focused on the development and application of novel x-ray spectroscopic techniques. He recently used a special imaging technique, x-ray fluorescence imaging, to reveal hidden writings in the 10th century Archimedes Palimpsest. He also led an x-ray scanning experiment on Archaeopteryx, a 150-million-year old "dinobird" fossil, which revealed previously unseen elements of the animal's original chemistry.

9:45-10:05 Not In Our School highlights students and teachers who are taking action for safe, accepting, and inclusive schools. For over a decade, Not In Our School stories and videos have inspired young people to launch their own campaigns against bullying and intolerance. At the heart of the Not in Our School movement is the belief in the capacity of young people to turn their school- and their community- into a more accepting place where everyone can thrive and learn.

10:15-10:35 As an Internet pioneer, he was the co-founder and President of WhoWhere? Inc., a leading Internet directory services company as well as eGain, an online customer service company which he built from inception to post IPO. Gunjan serves on the Board of several Silicon Valley companies and in 2010, he has been appointed on the Board of US-India Science and Technology Research Endowment, by the Office of Science and Technology Policy at the White House. He obtained his BS and MS degrees in computer science from the Indian Institute of Technology, New Delhi, and UC Santa Cruz, respectively. He also holds an MS in Industrial Engineering and Engineering Management from Stanford University.

10:40-11:00 Sid Espinosa is both the mayor of Palo Alto, CA, where he has been a leader in establishing public-private partnerships and fostering economic development, as well as the Director of Corporate Citizenship at Microsoft, where he is building philanthropic, public policy and community programs in the Silicon Valley. Sid has had a unique career with extensive experience in business, government and non-profits. He served in the Clinton White House, the U.S. Justice Department as an advisor to Attorney General Janet Reno, in a U.S. Ambassador’s office, and for nearly a decade at Hewlett-Packard, as the Director of Global Philanthropy.

11:15-11:35 President and CEO of Adobe Systems Incorporated, Shantanu Narayen is a longtime software industry leader with past experience including the co-founding of Pictra Inc., an early pioneer of digital photo sharing over the Internet, as well as roles at Silicon Graphics, Inc. and Apple Computer, Inc. He holds a bachelor's degree in electronics engineering from Osmania University in India, a master's degree in computer science from Bowling Green State University and a master's degree in business administration from the Haas School of Business.
John Bruggeman serves as senior vice president and chief marketing officer of Cadence Design Systems, Inc., which provides software, hardware, and services for designing electronic products. He has more than 20 years of diverse marketing experience working for innovative global companies such as Wind River, Mercury Interactive Corporation, America Online, Netscape, Lucent, and Octel Communications. Bruggeman holds a Bachelor of Science degree in statistics and computer science from San Jose State University and a Master of Science degree in mathematics from the University of Connecticut.

Mighty Mouth Foods is based on the philosophy that we can only eat so many calories in our lives and stay well. We need to make every mouthful a mighty one! Maximum nutrients for minimum calories. With the alarming and accelerating rise in number of diet-related illnesses in this country, Rachel saw an opportunity to offer people with a healthy choice in packaged food: Krunchy Kale, a superfood snack. Her story describes the journey from kitchen to market.

Clint Wilkins, the director of education for the Heroic Imagination Project, has spent his entire adult life working with teenagers as a teacher, coach, counselor, school principal and a social entrepreneur in both public and independent schools. The mission of his organization, founded by Dr. Phillip Zimbardo, professor emeritus of psychology at Stanford University, is "to teach individuals to stand up, speak out and act with moral courage when the situation demands" -- in other words, to become everyday heroes.

Theresa Diola, English Teacher at Henry M. Gunn High School is an alumni of Santa Clara University for both her bachelor’s degree and graduate studies. She has been one of the co-coordinators for Camp Everytown for Gunn for the past two years. She is one of the ten founding members of SFSMILES, a non-profit organization geared towards supporting other charities in the greater Bay Area and San Francisco. And looks to explore the connections between philanthropy, inspiration, happiness and self-sustaining balance in her talk. She comes to teaching with a background in Human Resources, Journalism and Creative Writing.

On weekdays, Emmanuel Mayssat, a graduate from Yale, is an important businessman. On weekends, he is a volunteer at One Million Lights. In 2007, Emmanuel joined One Million Lights to help distribute rechargeable solar powered lights in off-grid, rural areas around the world. Initially investigating carbon credits as a source of financing, he quickly got inspired by the impact of ground distributions. A light, he says, is an easy way to further children’s education and improve lives.
8:10 - 8:30 Andrew Liu, a senior at Gunn High School, will be sharing his experiences in scientific research as a high school student, including his passion for science and the rewards he has reaped through research. Since he began to conduct research in 7th grade, Andrew has been recognized for his work as 5th nationally in the Siemens Competition, a finalist in the Intel Science Talent Search, and 2nd in the Intel International Science and Engineering Fair. Andrew will be attending Harvard University in the fall.

9:00 - 9:20 Axel Clavier will discuss important questions in the fight against global warming. When Climate Change has progressed as far as it already has, we cannot afford to deny that we, as a race, caused it, instead blaming it on others. We need to realize that it’s not only our technology that is causing this global crisis, but our very way of thinking.

9:20 - 9:40 Pianist and Bach enthusiast Hilda Huang strives to encourage more people to experience the work and music of Johann Sebastian Bach. Her work garnered the third prize at the 2010 International J.S. Bach Piano Competition in Germany, and has also been included on From the Top, a public radio show featuring young classical musicians.

2:40 - 3:00 Anastasia Vavilina, a Gunn Junior, is an avid reader and has a passionate love for anything furry. She has a powerful interest in both chemistry and biology and is a regular volunteer at the Palo Alto Zoo. Already accomplished in the field of sciences, Anastasia is the chief editor of the Gunn Prometheus, the science newspaper club. She wishes to pursue research over the summer as an intern at a biomedical lab.

2:40 - 3:00 Jasmine Vahidsafa, a junior at Gunn High School, enjoys learning about life, and everything around it. She enjoys running and drawing on every scrap of paper available. She has won numerous awards related to animation and drawing, and continues to pursue it as a hobby. United in their interest on biology, Anastasia and Jasmine have been friends throughout high school. Their presentation explores the mechanisms through which silent mutations affect the phenotype of an organism.

3:15 - 3:35 Gunn High School 10th grader, Derek Lee will be sharing the innovations of the Jackson Hearing Center, PAUSD’s unique special education program for the deaf and hard of hearing, and the impact of technology on its programs and on deaf and hard of hearing students. The program is virtually unheard of but it has a great impact on the lives of its students.

2:15 - 2:35 Gunn High School Junior, Takuto Sasajima reflects on the nuclear plant accident in Japan, and presents his ideas to deal with a new energy crisis by attempting to become “friends” with disasters.

4:10 - 4:30 Sierra Fan, a junior at Gunn High School, is an One Million Lights Ambassador and lead organizer to the Philippines. She organizes ongoing projects for distributing solar powered lights in communities without electricity in the island province of Catanduanes. Over the last year, she, along with other high school students in Canada, South Africa, and the Philippines, have spearheaded a project with a goal of raising 25,000 dollars for 1000 lights by the end of this year. In this April, Sierra personally traveled to the village of Dugui Too as a part of a successful distribution of the first 250 lights to the locals.
**TEDx GunnHighSchool**

**Schedule**

**Session I (8-9)**
TEDx Introduction Video  
Andrew Liu  
Uwe Bergmann - SLAC

**Session II (9-10)**
Axel Clavier  
Hilda Huang  
William Paris - Not In Our Town

**Session III (10:15-11)**
Gunjan Sinha - MetricStream  
Sid Espinosa - Palo Alto Mayor

**Session IV (11:10-12)**
Shantanu Narayen - CEO Adobe  
John Bruggeman - Cadence Design Systems

**Session V (1-2)**
Rachel Phelps - Mighty Mouth Foods  
Clint Wilkins - Heroic Imagination Project

**Session VI (2-4)**
Takuto Sasajima  
Anastasia Vavillina & Jasmine Vahidsafa  
Derek Lee  
SF SMILES  
One Million Lights  
*students*