

SYNOPSIS - 2012					
STUDENT	GRADE	DATE	AWARD/RECOGNITION	TITLE COMPETITION	TITLE PROJECT/Miscellaneous Info
Nick Angelillis	11	Apr-12	Second Place \$150.00 & Certificate - Pauchon Foundation Award	Synopsis - Silicon Valley Science and Technology Championship	Bacterial Induced Apoptosis of Various Cancerous Tissues
Monica Bodd	10	Apr-12	Second Place \$150.00 & Certificate - Pauchon Foundation Award	Synopsis - Silicon Valley Science and Technology Championship	Bacterial Induced Apoptosis of Various Cancerous Tissues
Audrey Chang	10	Apr-12	Honorable Mention Certificate - Society of Vacuum Coaters	Synopsis - Silicon Valley Science and Technology Championship	Effectiveness of Nanotechnology Based Product (Sharklet) in the Inhibition of Bacterial Growth in a Classroom Environment
Karen Mac	10	Apr-12	Honorable Mention Certificate - Society of Vacuum Coaters	Synopsis - Silicon Valley Science and Technology Championship	Effectiveness of Nanotechnology Based Product (Sharklet) in the Inhibition of Bacterial Growth in a Classroom Environment
Eyobed Mesfun	11	Apr-12	Second Place Award - Medicine/Health/Gerontology Category	Synopsis - Silicon Valley Science and Technology Championship	The Effects of Electric & Magnetic Fields with Negative Charges & Varying Frequencies in the Cell Line U-87 Mg & Escherichia Coli
Akhilesh Aji	9	Apr-12	1) \$100.00 Cash Award & Certificate - Trimble Navigation Ltd. & \$100.00 to Valley Christian Schools - Trimble Navigation	Synopsis - Silicon Valley Science and Technology Championship	Random Number Generation Through Use of Muonic Detection
Akhilesh Aji	9	Apr-12	2) Certificate of Achievement & lapel pin, National Society of Professional Engineers	Synopsis - Silicon Valley Science and Technology Championship	Random Number Generation Through Use of Muonic Detection
Gerritt Orthlieb	9	Apr-12	1) \$100.00 Cash Award & Certificate - Trimble Navigation Ltd. & \$100.00 to Valley Christian Schools - Trimble Navigation	Synopsis - Silicon Valley Science and Technology Championship	Random Number Generation Through Use of Muonic Detection
Gerritt Orthlieb	9	Apr-12	2) Certificate of Achievement & lapel pin, National Society of Professional Engineers	Synopsis - Silicon Valley Science and Technology Championship	Random Number Generation Through Use of Muonic Detection
Mason Ivy	11	Apr-12	1) First Place Award & \$250.00 Cash - Systems Safety Society	Synopsis - Silicon Valley Science and Technology Championship	Individualized Communication Without Infrastructure
Mason Ivy	11	Apr-12	2) Second Place Award & Certificate - United States Army	Synopsis - Silicon Valley Science and Technology Championship	Individualized Communication Without Infrastructure
Jae Hoon Kang	11	Apr-12	Third Place Award & \$50.00 Cash - ASM International (A Society for Materials, Santa Clara Valley Chapter)	Synopsis - Silicon Valley Science and Technology Championship	Silicon Encapsulation of Solar Panels - Going Green

SYNOPSIS - 2013					
Monica Bodd	11	Apr - 13	2nd Award, Biochemistry/Microbiology Category	Synopsis - Silicon Valley Science and Technology Championship	Bionanotechnology: Manipulation of Photothermal Properties of Gold Nanorod Conjugates of EGFR and VEGFR in Mammary Carcinoma and Non Small Cell Lung Carcinoma
Monica Bodd	11	Apr - 13	1st Place; \$50 and Certificate of Achievement, United States Metric Association	Synopsis - Silicon Valley Science and Technology Championship	Bionanotechnology: Manipulation of Photothermal Properties of Gold Nanorod Conjugates of EGFR and VEGFR in Mammary Carcinoma and Non Small Cell Lung Carcinoma
Audrey Chang	11	Apr - 13	2nd Award, Biochemistry/Microbiology Category	Synopsis - Silicon Valley Science and Technology Championship	Bionanotechnology: Manipulation of Photothermal Properties of Gold Nanorod Conjugates of EGFR and VEGFR in Mammary Carcinoma and Non Small Cell Lung Carcinoma
Audrey Chang	11	Apr - 13	1st Place; \$50 and Certificate of Achievement, United States Metric Association	Synopsis - Silicon Valley Science and Technology Championship	Bionanotechnology: Manipulation of Photothermal Properties of Gold Nanorod Conjugates of EGFR and VEGFR in Mammary Carcinoma and Non Small Cell Lung Carcinoma
Rachel Eager	11	Apr - 13	Honorable Mention, Behavioral/Social Category	Synopsis - Silicon Valley Science and Technology Championship	Cognitive Reasoning & Memory Abilities in Cuttlefish: Relating Environmental Factors to Specific Patterns Using Positive Reinforcement
Melissa Hartman	11	Apr - 13	Honorable Mention, Behavioral/Social Category	Synopsis - Silicon Valley Science and Technology Championship	Cognitive Reasoning & Memory Abilities in Cuttlefish: Relating Environmental Factors to Specific Patterns Using Positive Reinforcement
Karen Mac	11	Apr - 13	2nd Award, Biochemistry/Microbiology Category	Synopsis - Silicon Valley Science and Technology Championship	Bionanotechnology: Manipulation of Photothermal Properties of Gold Nanorod Conjugates of EGFR and VEGFR in Mammary Carcinoma and Non Small Cell Lung Carcinoma
Karen Mac	11	Apr - 13	1st Place; \$50 and Certificate of Achievement, United States Metric Association	Synopsis - Silicon Valley Science and Technology Championship	Bionanotechnology: Manipulation of Photothermal Properties of Gold Nanorod Conjugates of EGFR and VEGFR in Mammary Carcinoma and Non Small Cell Lung Carcinoma
Eyobed Mesfun	12	Apr - 13	1st Award, Medicine/Health/Gerontology Category	Synopsis - Silicon Valley Science and Technology Championship	The Study of the Effects of Electromagnetic Fields with Varying Frequencies on Cancerous and Non Cancerous Cell - Lines
Andrew Nguyen	11	Apr - 13	2nd Place; \$40 and Certificate of Achievement, United States Metric Association	Synopsis - Silicon Valley Science and Technology Championship	Effects of Graphene on Cell Growth
Sam Taft	11	Apr - 13	2nd Place; \$40 and Certificate of Achievement, United States Metric Association	Synopsis - Silicon Valley Science and Technology Championship	Effects of Graphene on Cell Growth
Evan Borrás	11	Apr - 13	2nd Award, Engineering Category	Synopsis - Silicon Valley Science and Technology Championship	Simulation of Passive Attitude Stabilization of a CubeSat to Predetermine Orientations for Imaging Devices
Evan Borrás	11	Apr - 13	2nd Place; \$150 and Framed Certificate of Achievement, System Safety Society	Synopsis - Silicon Valley Science and Technology Championship	Simulation of Passive Attitude Stabilization of a CubeSat to Predetermine Orientations for Imaging Devices
Izzat Halabi	11	Apr - 13	HP PAV Laptop Computer with Microsoft Student Office Installed, Hewlett Packard Laboratories	Synopsis - Silicon Valley Science and Technology Championship	Free Energy
Rahul Tewari	9	Apr - 13	2nd Award, Engineering Category	Synopsis - Silicon Valley Science and Technology Championship	Simulation of Passive Attitude Stabilization of a CubeSat to Predetermine Orientations for Imaging Devices
Rahul Tewari	9	Apr - 13	2nd Place; \$150 and Framed Certificate of Achievement, System Safety Society	Synopsis - Silicon Valley Science and Technology Championship	Simulation of Passive Attitude Stabilization of a CubeSat to Predetermine Orientations for Imaging Devices

SYNOPSIS - 2014					
STUDENT	GRADE	DATE	AWARD/RECOGNITION	TITLE COMPETITION	TITLE PROJECT/Miscellaneous Info
Shagun Patel	11	March-14	Honorable Mention, Biochemistry / Microbiology Category	Synopsis - Silicon Valley Science and Technology Championship	The Effect of Lycopene on Reducing Cancer Progression of Three Malignant Cell Lines Through the Interference of Androgen Cell Signaling Pathways (Biochemistry/Microbiology)
Tanisha Shankar	11	March-14	Honorable Mention, Biochemistry / Microbiology Category	Synopsis - Silicon Valley Science and Technology Championship	The Effect of Lycopene on Reducing Cancer Progression of Three Malignant Cell Lines Through the Interference of Androgen Cell Signaling Pathways (Biochemistry / Microbiology)
Wilson Ye	11	March-14	Certificate of Achievement, American Meteorological Society	Synopsis - Silicon Valley Science and Technology Championship	The Effectiveness of Water Filtration of Fine Particles in the Air (Environmental Sciences)
Tianjian Huang	10	March-14	3rd Place: SJSU College of Engineering Certificate of Achievement, San Jose State University College of Engineering and 2nd Award, Engineering Category	Synopsis - Silicon Valley Science and Technology Championship	Antenna Deployment System (Engineering)
Carly Pritchett	12	March-14	3rd Place: SJSU College of Engineering Certificate of Achievement, San Jose State University College of Engineering and 2nd Award, Engineering Category	Synopsis - Silicon Valley Science and Technology Championship	Antenna Deployment System (Engineering)
Aleeza Roque	11	March-14	3rd Place: SJSU College of Engineering Certificate of Achievement, San Jose State University College of Engineering and 2nd Award, Engineering Category	Synopsis - Silicon Valley Science and Technology Championship	Antenna Deployment System (Engineering)
Aaron Chang	11	March-14	2nd Award, Engineering Category	Synopsis - Silicon Valley Science and Technology Championship	The Generation of Action Potentials in Neurons through Magnetic Stimulation (Engineering)
Charles Nijmeh	10	March-14	2nd Award, Engineering Category	Synopsis - Silicon Valley Science and Technology Championship	The Generation of Action Potentials in Neurons through Magnetic Stimulation (Engineering)
Gerrit Orthlieb	11	March-14	2nd Award, Engineering Category	Synopsis - Silicon Valley Science and Technology Championship	The Generation of Action Potentials in Neurons through Magnetic Stimulation (Engineering)