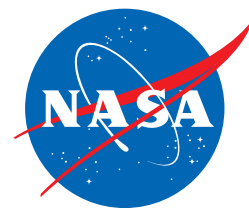


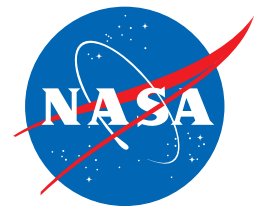
CUBESAT LAUNCH INITIATIVE SELECTION RECOMMENDATIONS

July 2010 Selection						
CSLI Rank	Short Name	Project	Organization	POC	Cube Size	Status
1	M-Cubed/COVE	Michigan Multipurpose Mini-satellite/ CubeSat On-board Processing Validation Experiment	University of Michigan/ JPL	Dr. James W. Cutler	1U	Flown ELaNa-3
2	CSSWE	COLORADO STUDENT SPACE WEATHER EXPERIMENT	University of Colorado	Dr. Xinlin Li	3U	Flown ELaNa-6
3	FIREBIRD	Focused Investigations of Relativistic Electron Burst Intensity, Range, and Dynamics	Montana State University/ University of New Hampshire	Dr. David M. Klumpar	2x1.5U	Flown ELaNa-2
4	RAX	RADIO AURORA & IONOSPHERE Experiment	SRI/University of Michigan	Dr. Rick Doe	3U	Flown ELaNa-3
5	E1P Unit 2	Explorer-1[PRIME] CubeSat Unit 2	Montana State University	Dr. David M. Klumpar	1U	Flown ELaNa-3
6	DICE	Dynamic Ionosphere CubeSat Experiment	Utah State University	Charles Swenson	2x1.5U	Flown ELaNa-3
7	CUNYSAT-1	City University of New York Satellite-1	Medgar Evers College, City University of New York	Dr. Sherman Austin	1U	Flown ELaNa-2
8	CINEMA	Cubesat for Ions, Neutrals, Electrons & Magnetic fields	University of California Berkeley	Dr. Robert P Lin	3U	Flown ELaNa-6
9	CP-5	PolySat CP-5	California Polytechnic State University	Dr Jordi Puig-Suari	1U	Flown ELaNa-6
10	Lunar Orbiter/ Lander CubeSat	CubeSat Lunar Spacecraft Navigation System	Vermont Technical College/ University of Vermont	Prof. Carl S. Brandon	1U	Flown ELaNa-4
11	AubieSat-1	AubieSat-1	Auburn University	J-M Wersinger	1U	Flown ELaNa-3
12	ARC	Alaska Research CubeSat	University of Alaska Fairbanks	Dr. Denise Thorsen	1U	Manifest ELaNa-12
February 2011 Selection						
CSLI Rank	Short Name	Project	Organization	POC	Cube Size	Status
1	Tethersat	Tethersat	STP/ Naval Postgraduate School	CDR Robert E. Stevens Bob Bruninga, CDR (ret)	2x1.5U	In Work
2	IPEX	Intelligent Payload Experiment	Jet Propulsion Laboratory, California Institute of Technology	Dr. Steve Chien	1U	Flown ELaNa-2
3	Black Knight 1	Black Knight 1	STP/ US Military Academy	Thomas S. Pugsley	1U	Flown ELaNa-4
4	SMDC-TechSat	SMDC-TechSat	STP/ Space & Missile Defense Command	John R. London III	3U	In Work
5	ExoplanetSat	A Nanosatellite Space Telescope for Detecting Transiting Exoplanets	Massachusetts Institute of Technology/Space Systems Laboratory	Dr. Sara Seager	3U	In Work
6	TJ3Sat	Thomas Jefferson CubeSat	Thomas Jefferson High School, Alexandria Virginia	Alishan Hassan	1U	Flown ELaNa-4
7	CXBN	Cosmic X-Ray Background NanoSat	Morehead State University/Kentucky Space	Dr. Benjamin K. Malphrus	2U	Flown ELaNa-6
8	GROUP-C	GPS Radio Occultation and Ultraviolet Photometer on a Cubesat	STP/ Naval Research Lab	Andrew C. Nicholas	3U	In Work
9	HeDI	Helium Doppler Imager	NASA/ Goddard Space Flight Center	Adrian N. Daw	3U	In Work
10	PSSC Testbed	Pico Satellite Solar Cell Testbed	STP/ AFRL	Edward J. Simburger	2U	In Work
11	TEPCE	Tether Electrodynamics Propulsion CubeSat Experiment	STP/ Naval Research Lab	Shannon L. Coffee	2x1.5U	In Work
12	TechCube 1	Goddard Technology Demonstration CubeSat	NASA/ Goddard Space Flight Center	Thomas Flatley	3U	Manifest ELaNa-5
13	Lightsail	Lightsail	NASA/ Ames Research Center and The Planetary Society of Pasadena	Bruce Yost	3U	Manifest ELaNa-11
14	LMRSat	Low Mass Radio Science Transponder - Satellite	Jet Propulsion Laboratory, California Institute of Technology	Courtney B. Duncan	2U	Manifest ELaNa-12
15	CAPE-2	CAJUN ADVANCED PICOSATELLITE EXPERIMENT	The University of Louisiana at Lafayette	Dr. George Thomas	1U	Flown ELaNa-4
16	Ho'oponono-2 (H-2)	A Radar Calibration CubeSat	University of Hawaii	Dr. Wayne Shiroma	3U	Flown ELaNa-4
17	DragonSat-1	DragonSat-1	Drexel University/Drexel Space Systems Lab	Dr. Jin S. Kang	1U	Flown ELaNa-4
18	ALL-STAR/ THEIA	ALL-STAR CubeSat with THEIA payload	University of Colorado at Boulder/Colorado Space Grant Consortium	Jessica (JB) Brown	3U	Flown ELaNa-5
19	Copper-Cube	Copper-Cube: Infrared Imaging on a CubeSat	St. Louis University/Parks College of Engineering, Aviation & Technology	Dr. Michael Swartwout	1U	Flown ELaNa-4
20	SPA-1 Trailblazer	Trailblazer: Proof of Concept CubeSat Mission for SPA-1	University of New Mexico/Configurable Space Microsystems Innovations and Applications Center	Dr. Steve Suddarth	1U	Flown ELaNa-4



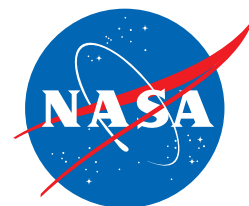
CUBESAT LAUNCH INITIATIVE SELECTION RECOMMENDATIONS

February 2012 Selection						
CSLI Rank	Short Name	Project	Organization	POC	Cube Size	Status
1	GRIFEX	GEO-CAPE Read Out Integrated Circuit (ROIC) In-Flight Performance Experiment	Jet Propulsion Laboratory, California Institute of Technology	Dr. David M. Rider	3U	Flown ELaNa-10
2	CryoCube	A CubeSat-Scale Testbed for Cryogenic Fluid Management Technologies	NASA/ Kennedy Space Center	Justin M. Oliveira	3U	In Work
3	BisonSat	Salish Kootenai College CubeSat	Salish Kootenai College	Timothy S. Olson	1U	Manifest ELaNa-12
4	ARMADILLO	Attitude Related Maneuvers And Debris Instrument in Low (L) Orbit	Satellite Design Laboratory at The University of Texas at Austin	Dr. E. Glenn Lightsey	3U	In Work
5	CubeSail	CubeSail Solar Sail Technology Demonstration Mission	University of Illinois at Urbana-Champaign	Victoria L. Coverstone	3U	In Work
6	Ho'oponopono-3	A Radar Calibration CubeSat	University of Hawaii at Manoa	Dr. Wayne Shiroma	3U	In Work
7	CINEMA II	Cubesat for Ions, Neutrals, Electrons & Magnetic fields	University of California at Berkeley Space Sciences Laboratory	Dr. Robert P Lin	3U	In Work
8	EXOCUBE	EXOCUBE	California Polytechnic State University Aerospace Dept. PolySat Program	Dr. Jordi Puig-Suari	3U	Flown ELaNa-10
9	STARE	Space-Based Telescope for the Actionable Refinement of Ephemeris	STP/ Naval Postgraduate School	Scot S Olivier	2x3U	In Work
10	Argus	Radiation-Effects Modeling on a University CubeSat	Department of Aerospace & Mechanical Engineering, Parks College of Engineering, Aviation & Technology, Saint Louis University	Dr. Michael Swartwout	2U	Manifest ELaNa-7
11	PolarCube	A Passive Microwave CubeSat	Center for Environmental Technology Colorado Space Grant Consortium National Snow and Ice Data Center University of Colorado at Boulder	Albin J. Gasiewski	3U	In Work
12	LAICE	Lower Atmosphere/Ionosphere Coupling Experiment,	University of Illinois at Urbana-Champaign	Gary R. Swenson	6U	In Work
13	CADRE	CubeSat investigating Atmospheric Density Response to Extreme driving	University of Michigan	Dr. Aaron Ridley	3U	In Work
14	Fox-1	AMSAT Fox-1 CubeSat Project	The Radio Amateur Satellite Corporation (AMSAT)	Tony Monteiro	1U	Manifest ELaNa-12
15	Peregrine	Peregrine	STP/US Air Force Academy	Dr. Mike Dearborn	1.5U	In Work
16	CHARM	CubeSat Hydrometric Atmospheric Radiometer Mission	Jet Propulsion Laboratory, California Institute of Technology	Dr. Tony Freeman	3U	Flown ELaNa-8
17	PropSat	ALL-STAR Propulsion Module Satellite	Colorado Space Grant Consortium University of Colorado at Boulder	Jesse Ellison	3U	In Work
18	NEUTRON-1	Low Earth Orbit Neutron Flux Detection and Cosmos Mission Operations Technology Demo	University of Hawaii at Manoa	Lloyd French	3U	In Work
19	PrintSat	Auxiliary Launch of the Printed Satellite under the NASA CubeSat Launch Initiative	Space Science and Engineering Laboratory Department of Physics, Montana State University	Dr. David M. Klumpar	1U	Manifest ELaNa-7
20	MicroMAS	Microsized Microwave Atmospheric Satellite	Massachusetts Institute of Technology Department of Aeronautics and Astronautics, Space Systems Laboratory	Dr. Kerri Cahoy Bill Blackwell	3U	In Work
21	RAMPART	Rapid prototyped Microelectromechanical system Propulsion And RadiationTest CUBEflow SATellite	STP/AFRL	James R. Lyke	2U	In Work
22	TSAT	Taylor University's TESTSat-Lite	Taylor University	Dr. Hank Voss	2U	Flown ELaNa-5
23	KickSat	A Crowd-Funded Technology Demonstration Mission for the Sprite ChipSat	Cornell University Space Systems Design Studio	Zachary Manchester	3U	In Work
24	PTLS	Persistent Telemetry Monitoring, Tracking & Control Using Low Earth Orbit Satcom	STP/ Air Force Institute of Technology (AFIT)	Eric Swenson	3U	In Work
25	ORSES	SMDC ORS Enabler Satellite	STP/ Space & Missile Defense Command	LTC Patrick M. Marshall	3U	In Work
26	ChargerSat-1	The UAHuntsville CubeSat	Space Hardware Club University of Alabama in Huntsville	Eric D. Becnel	1U	Flown ELaNa-4
27	GOSTE-1	GPS Radio Occultation Experiment and Comprehensive Open Source Mission Operations Software (COSMOS) Technology	Hawai'i Space Flight Laboratory University of Hawaii at Manoa	Dr. Trevor Sorensen	3U	In Work
28	R25 (UND-Sat)	A Cubesat NEO Assessment Precursor Mission	John D. Odegard School of Aerospace Sciences University of North Dakota	Ronald Fevig	1U	In Work
29	SNAP-3	SMDC Nanosatellite Program-3	STP/ Space & Missile Defense Command	LTC Patrick M. Marshall	3x3U	In Work
30	TINYSCOPE	Tactical Imaging Nanosat Yielding Small-Cost Operations for Persistent Earth-coverage	STP/ Naval Postgraduate School	Dr. Marcello Romano	6U	In Work
31	DUSTIE	DUST Sounder and Temperature Imager Experiment	The Center for Space Sciences and Engineering, Bradley Department of Electrical and Computer Engineering, Virginia Tech	Dr. Scott M. Bailey	3U	In Work
32	RBLE	Radiation Belt Loss Experiment	NASA/ Goddard Space Flight Center	Brian Hall	6U	In Work
33	SporeSat	Microsatellite in-situ Space Technologies	NASA/ Ames Research Center	Andres Martinez	3U	Flown ELaNa-5



CUBESAT LAUNCH INITIATIVE SELECTION RECOMMENDATIONS

2013 Selection						
CSLI Rank	Short Name	Project	Organization	POC	Cube Size	Status
1	ISARA	ISARA – Integrated Solar Array and Reflectarray Antenna for High Bandwidth CubeSat	Jet Propulsion Laboratory, California Institute of Technology	Dr. Richard E. Hodges	3U	In Work
2	IOGPS	Integrated Optical Communications and Proximity Sensors for Cubesats	The Aerospace Corporation	Dr. Siegfried W. Janson	2 x 1.5 U	In Work
3	CXBN-2	The Cosmic X-Ray Background NanoSat-2 (CXBN-2): An Improved Measurement of the Diffuse X-Ray Background	Morehead State University/Kentucky Space	Dr. Benjamin K. Malphrus	2U	In Work
4	FIREBIRD-II	Focused Investigations of Relativistic Electron Burst Intensity, Range, and Dynamics II (FIREBIRD-II)	Montana State University Space Science and Engineering Laboratory (SSEL) Bozeman, MT	Prof. David M. Klumpar	2 x 1.5 U	In Work
5	CRaBSS	Characterizing Radiation Belt Sources and Sinks (CRaBSS)	NASA/ Goddard Space Flight Center	Gary A. Crum	6U	In Work
6	SpaceBuoy	SpaceBuoy/SPINS 3U Space Weather CubeSat	Montana State University Space Science and Engineering Laboratory (SSEL) Bozeman, MT	David M. Klumpar	3U	In Work
7	CHIRP	CHIRP: CubeSat VHF transmitter to study Ionospheric dispersion of Radio Pulses	Jet Propulsion Laboratory, California Institute of Technology	Andrew Romero-Wolf	6U	In Work
8	CP9-StangSat	CP9 and StangSat CubeSat P-POD Telemetry Study	Merritt Island High School and California Polytechnic State University	Tracey Beatovich	2U, 1U	In Work
9	IceCube	IceCube: Spaceflight Validation of an 874-GHz Submillimeter Wave Radiometer for Ice Cloud Remote Sensing	NASA/ Goddard Space Flight Center	Jeffrey R. Piepmeier	3U	In Work
10	INSPIRE	Interplanetary NanoSpacecraft Pathfinder In Relevant Environment (INSPIRE)	Jet Propulsion Laboratory, California Institute of Technology	Dr. Andrew Klesh	6U	In Work
11	HiLITE	High Latitude Ionospheric Thermospheric Experiment (HiLITE)	University of Colorado, Department of Aerospace Engineering Sciences	Dr. Scott Palo	3U	In Work
12	Bevo-2	Bevo-2	The Satellite Design Laboratory of The University of Texas at Austin	Dr. E. Glenn Lightsey	3U	In Work
13	CyroCube-2	CyroCube-2: Stratification, Mixing, and Slosh of a Cryogenic Fluid in Microgravity	NASA/ Kennedy Space Center	Justin M. Oliveira	3U	In Work
14	HARP	HyperAngular Rainbow Polarimeter (HARP)	Department of Physics, University of Maryland, Baltimore County	Dr. J. Vanderlei Martins	3U	In Work
15	RadFxCubeSat	RadFxCubeSat CubeSat Project	Institute for Space and Defense Electronics at Vanderbilt University and The Radio Amateur Satellite Corporation.	Dr. Robert Reed	1U	In Work
16	ESCAPE	Earth Science Cubesat for Advanced Payload Experiments (ESCAPE)	NASA/ Goddard Space Flight Center	Tom Flatley	3U	In Work
17	PONSFD	Proximity Operations Nano-Satellite Flight Demonstration	Tyvak Nano-Satellites Systems and includes 406 Aerospace, Applied Defense Solutions, and California Polytechnic State University.	Mr. Charles S. "Scott" MacGillivray	3U	In Work
18	EagleSat	The Embry-Riddle EagleSat program	Embry-Riddle Aeronautical University, Prescott AZ	Brandon M. Wagner	1U	In Work
19	DISCOSAT-1	DISCOvery Museum Satellite : Measurement of small-scale debris flux from orbit (DISCOSAT-1).	The Discovery Museum and Planetarium	David Mestre	2U	In Work
20	OSIRIS-3U	Orbital Satellite for Investigating the Response of the Ionosphere to Stimulation and Space Weather (OSIRIS-3U)	The Pennsylvania State University Department of Electrical Engineering	Dr. Sven Bilén	3U	In Work
21	EcAMSat	E. Coli AntiMicrobialSat	NASA/ Ames Research Center	Karolyn Ronzano	6U	In Work
22	Rascal	Rascal: Proximity Operations on a University CubeSat	Parks College of Engineering, Aviation & Technology, Saint Louis University	Michael Swartwout, PhD	6U	In Work
23	GLADOS	Glint Analyzing Data Observation Satellite (GLADOS)	The University at Buffalo (UB)	Dr. John L. Crassidis	6U	In Work
24	DOSS	Differential Optical Shadow Sensor CubeSat	University of Florida Department of Mechanical and Aerospace Engineering	John W. Conklin	3U	In Work
February 2014 Selection						
CSLI Rank	Short Name	Project	Organization	POC	Cube Size	Status
1	SporeSat	SporeSat	NASA Ames Research Center	Andres Martinez	3U	In Work
2	RAVAN	Radiometer Assessment Using Vertical Aligned Nanotubes (RAVAN)	Johns Hopkins Applied Physics Laboratory	William Swartz	3U	In Work
3	ELFIN	UCLA Electron Losses and Fields Investigation (ELFIN)	University of California, Los Angeles	Vassilis Angelopoulos	3U	In Work
4	OPAL	Optical Profiling of the Atmospheric Limb (OPAL)	Utah State University	Charles Swenson	3U	In Work
5	CeREs	CeREs, Compact Radiation Belt Explorer to Study Charged Particle Dynamics in Geospace	NASA Goddard Space Flight Center	Dr. Shrikanth Kanekal	3U	In Work
6	LMPC CubeSat	LMPC CubeSat: A CubeSat Flight Demonstration of a Photon-counting Infrared Detector	The Aerospace Corporation	Dr. Renny Fields	3U	In Work
7	NMTSat	New Mexico Tech Nanosatellite (NMTSat)	New Mexico Institute of Mining and Technology	Dr. Anders M. Jorgensen	3U	In Work
8	MiRaTA	Microwave Radiometer Technology Acceleration (MiRaTA) CubeSat	MIT Lincoln Laboratory	Dr. William J. Blackwell	3U	In Work
9	EQUISat	EQUISat: Space for the People	Brown University	Rick Fleeter	1U	In Work



CUBESAT LAUNCH INITIATIVE SELECTION RECOMMENDATIONS

10	CHOMPTT	CubeSat Handling of Multisystem Precision Time Transfer (CHOMPTT)	University of Florida	John W. Conklin	3U	In Work
11	PATRIOT	Plasma Ambipolar Thruster for Responsive In-Orbit Transfers (PATRIOT) Mission	University of Michigan	Dr. Benjamin Longmier	3U	In Work
12	ANDESITE	Ad-Hoc Network Demonstration for Extended Satellite-Based Inquiry and Other Team Endeavors (ANDESITE)	Boston University	Dr. Ted Fritz	3U	In Work
13	ARAPAIMA	ARAPAIMA (Application for RSO Autonomous Proximity Analysis and Imaging)	Embry-Riddle Aeronautical University	Dr. Bogdan Udrea	6U	In Work
14	GE1: Golden Eagle 1	Golden Eagle 1 (GE1)	Marquette University	Dr. Robert Bishop	1U	In Work
15	GASPACS	GASPACS: Get Away Special Passive Attitude Control Satellite, A 1U CubeSat with an Inflatable Structure for Two Axis Aero-controlled Stabilization	Utah State University	James Gardiner	1U	In Work
16	STMSat-1	St. Thomas More Cathedral School (STM) CubeSat Project - Mission Possible	St. Thomas More Cathedral School	Melissa Pore	1U	In Work
February 2015 Selection						
CSLI Rank	Short Name	Project	Organization	POC	Cube Size	Status
1	OPEN	OPEN: Open Prototype for Educational NanoSats	University of North Dakota	Ronald Marsh	1U	In Work
2	RadSat	RadSat: Satellite Demonstration of a Radiation Tolerant System	Montana State University	Dr. Brock LaMeres	3U	In Work
3	ALBus	Advanced ELectrical Bus (ALBus)	NASA Glenn Research Center	Katie Shaw	3U	In Work
4	MiTEE	MiTEE: Miniature Tether Electrodynamic Experiment	University of Michigan	Dr. Brian Gilchrist	3U	In Work
5	KickSat-2	KickSat-2: A Technology Demonstration Mission for the Sprite ChipSat	Cornell University	Zachary Manchester	3U	In Work
6	TBEx	TBEx – The Tandem Beacon Experiment	The University of Michigan	Dr. James Cutler	3U	In Work
7	TEMPEST-D	TEMPEST-D: Temporal Experiment for Storms and Tropical Systems - Demonstrator	Colorado State University	Dr. Steven Reising	6U	In Work
8	CSUNSat1	California State University Northridge (CSUN) Sat: to Space Test a Low Mass, Extreme Low Temperature Energy Storage System	California State University, Northridge	Dr. Sharlene Katz	2U	In Work
9	STF-1	Simulation To Flight (STF-1)	NASA IV&V and West Virginia University	Justin Morris	3U	In Work
10	AOSAT	AOSAT: Asteroid Origins Satellite	Arizona State University	Dr. Jekan Thangavelautham	3U	In Work
11	CuSPP	CuSPP: A CubeSat mission to study Solar Particles over the Earth's Poles	Southwest Research Institute	Dr. Mihir I Desai	3U	In Work
12	CACTUS-1	CACTUS-1 CubeSat: Coordinated Applied Capitol Technology University Satellite	Capitol Technology University	Dr. Alex "Sandy" Antunes	3U	In Work
13	Cu-PACE	Cu-PACE: CubeSat Particle Aggregation and Collision Experiment	University of Central Florida	Dr. Joshua Colwell	2U	In Work
14	SurfSat	SurfSat – Plasma induced surface charging and electrostatic discharge measurements	University of Central Florida	Dr. Adrienne Dove	2U	In Work