ROSES	Solicitation or Program Element Title	Submitte d	Selected*	%Selected	SMD Division	Avg K\$/Yr	Notes * Selected means "encouraged" or "invited" for Step-1 proposals, depending.
2022 / 2022 / 2022 /	Astroohysics Data Analysis Astrophysics Research and Analysis Astrophysics Theory Program	176 147	48 38 see notes	27% 26% see notes	Astrophysics Astrophysics Astrophysics		Six were declined non compliant includes two partial selections. Four were declined non compliant. Not Solicited This Year
2022 2022	Neil Gehrels Swift Observatory General Investigator Cycle 19 Fermi General Investigator Cycle 16 Strategic Astrophysics Technology	148 90 37	46 36 13	31% 40%	Astrophysics Astrophysics Astrophysics		Includes on partial selection. Four were declined non compliant.
2022 2022	Nancy Grace Roman Technology Fellowships for Early Career Researchers NuSTAR General Observer Cycle 9 TESS General Investigator Cycle 6	1 159 119	1 86 41	100% 54%	Astrophysics Astrophysics		
2022 2022	NICER General Observer Cycle 5 Theoretical and Computational Astrophysics Networks Astrophysics Pioneers	136 35 11	65 4 2	48% 11% 18%	Astrophysics Astrophysics Astrophysics		7 were declined non compliant. One declined not compliant
2022	Nancy Grace Roman Space Telescope Research and Support Participation Oppor Lisa Preparatory Science Astrophysics Decadal Survey Precursor Science	91 35 48	30 8 10	23% 21%	Astrophysics Astrophysics Astrophysics		One declined not compliant. Inclues two partial selections two were declined non compliant.
2022 2022 2022	X-Ray Imaging and Spectroscopy Mission Guest Scientist Program Extreme Precision Radial Velocity Foundation Science Ultraviolet Transient Astronomy Satellite Participating Scientists Program	49 14 34	21 5 14	43% 36% 41%	Astrophysics Astrophysics Astrophysics		Two declined not compliant One declined not compliant. Four selected were no NASA funding.
2022	Fundamental Physics Step-1 Fundamental Physics Stec-2 Physical Sciences Informatics	30 21 14	N/A 7	33%	Biological and Ph Biological and Ph Biological and Ph	vsical Sc	ince Three declined non compliant. Values in the columns to the left include two partial selections. Selectables
2022 2022 2022	Space Biology Research Step-1 Space Biology Research Step-2 Research Pathfinder for Bewond LEO Space Biology Investigations Step-1	111 94 10	N/A 11 N/A	N/A 12%	Biological and Ph Biological and Ph Biological and Ph	vsical Sc vsical Sc	Sience 5 declined not compliant.
2022	Research Pathfinder for Bevond LEO Soace Biology Investigations Step-2 Topical Workshoos, Symposia, and Conferences	9 79 172	58	73%	Biological and Ph Cross Division		Selections include three partial selections
	Excelanets Research Program Future Investigators in NASA Earth and Soace Science and Technology Astro Future Investigators in NASA Earth and Soace Science and Technology BPS	172 264 40	31 27 2	18% 10% 5% 14%	Cross Division Cross Division Cross Division Cross Division		Four declined not compliant
2022	Future Investigators in NASA Earth and Space Science and Technology Earth Future Investigators in NASA Earth and Space Science and Technology Helio Future Investigators in NASA Earth and Space Science and Technology Planetary. Supplemental Open Source Software Awards	77 216	24 39	31%	Cross Division Cross Division Cross Division		7 decined not compliant.
2022 2022 2022	Citizen Science Seed Fundina Program Pawloads and Research Investigations on the Surface of the Moon Step-1 Payloads and Research Investigations on the Surface of the Moon Step-2	13 36 22	5 N/A 1	38%	Cross Division Cross Division Cross Division		one declined not compliant
2022	Transform to Open Science Training Honority Open-Source Science Economic, Social, and Policy Analyses of Orbital Debris and Space Sustainability	34 20 10	16 6 3	47% 30% 30%	Cross Division Cross Division Cross Division		Two declined not compliant, Selectables remain
	NASA Innovation Corps Multidomain Reusable Artificial Intelligence Tools	10 18	8	40% 44%	Cross Division Cross Division		
2022	Land Cover/ Land Use Change Step-1 Land Cover/ Land Use Change Step-2 Scooing Studies for the Next Terrestrial Ecology Field Campaign Country	53 23 5 48	N/A 11 2 18	N/A 48% 40% 38%	Earth Science Earth Science Earth Science Earth Science		Two declined not compliant.
	Carbon Monitoring System: Continuing Prototype Product Development Physical Oceanography Ocean Vector Winds Science Team Aura Science Team and Atmospheric Composition Modeling and Analysis Program	40 27 65	9 12 30	23%	Earth Science Earth Science Earth Science		Two decimed not compliant.
	Ocean Vector Wilds Science reads Aura Science Team and Atmospheric Composition Modeling and Analysis Program Airborne and Satellite Investigation of Asian Air Quality Terrestrial Hydrology Weather and Atmospheric Dynamics	24 17 69	13 5 13	54% 29% 19%	Earth Science Earth Science Earth Science		two declined not compliant one declined not compliant
	Weather and Amoscheric Dynamics Earth Surface and Interior Facilit Rescorose and Novel Research in Earth Science Earth Science U.S. Participating Investigator Making Earth System Data Records for Use in Research Environments	45 11 21	17 6 9	38% 55% 43%	Earth Science Earth Science Earth Science Earth Science	Ē	Selectables remain
2022	Earth Colones Research from Operational Constationary Potellite Contents	69 137 59 47	25 30 9 23	15%	Earth Science Earth Science Earth Science Earth Science		includes one "partial" selection One was declined for being not compliant. Selectables remain. February 2024
	Call Science Resident mon Comminion (Secondonian Salemini Systems Plankton, Aerosol, Cloud, ocean Ecosystem (PACE) Mission Validation Studies with ICESat-2 ECOSTRESS Science and Applications Team Earth Science Applications: Applications	50 54 4	26 15	52%	Earth Science Earth Science Earth Science		One was declined for being not compliant. Selectables remain, regressive 2024 One was declined for being not compliant. One was declined for being not compliant.
2022	Earth Science Apolications: Annual Lannuaria (Commercial Smalls at Data Acquisition New Vendor Onramp Evaluation Commercial Smalls at Data Acquisition New Vendor Onramp Evaluation Commercial Smalls at Data Scientific Analysis	33 55 72	15 39 22	71%	Earth Science Earth Science		
	Commercial Smallsat Data Scientific Analysis Advanced Component Technology Acolications-Oriented Augmentations for Research and Analysis Earth System Science for Building Coastat Resilience Technology Development for Support of Wildling Science and Disaster Mitigation S	57 11 24	13 8 6	73% 25%	Earth Science Earth Science Earth Science Earth Science		two declined not compliant. One of the selections was "partial" The six selected includes one partial selection
2022	Technology Development for Support of Wildfire Science and Disaster Mitioation S Technology Development for Support of Wildfire Science and Disaster Mitioation S Earth Venture Suborbital-4 Land-Cover/Land-Use Change SARI Synthesis	108 24 42	6		Earth Science Earth Science Earth Science		One was declined for being not comoliant. Proposals were received 04/27/2023. Decisions expected in March 2024
2022	Land-CoverLand-Use Change SARI Synthesis Heliophysics Theory, Modeling and Simulations Step-1 Heliophysics Theory, Modeling and Simulations Step-2	64 50	11 N/A	48% N/A 19%	Earth Science Heliophysics Heliophysics		Three were declined not compliant.
	Heliophysics Guest Investigator Open Step-1 Heliophysics Guest Investigator Open Step-2 Living With a Star Science Step-1	99 87 40	N/A 25 N/A		Heliophysics Heliophysics Heliophysics		one declined not compliant
2022	Living With a Star Science Step-2 Space Weather Science Application Research-to-Operations-to-Research Step-1	39 22 17	12 N/A 4	31%	Heliophysics Heliophysics Heliophysics		one declined not compliant
	Soace Weather Science Acolication Research-to-Operations-to-Research Step-2- Heliophysis: Technology and Instrument Development for Science Heliophysis: Enchology and Instrument Development for Science Heliophysics Liour Costl Access to Soace Heliophysics Plicith Cooportunities Studies	24 19 7	11 7 4	46% 37% 57%	Heliophysics Heliophysics Heliophysics		one declined not compliant one declined not compliant
2022	Heliophysics Data Environment Enhancements Heliophysics Early Career Investigator Program Step-1 Heliophysics Early Career Investigator Program Step-2 Heliophysics Innovations for Technology and Science	54 47	1 N/A 13	N/A 28%	Heliophysics Heliophysics		One declined not compliant 3 are still no decision February 2024
2022	Hetiophysics Inflored Steel Residence Machine Learning Ready Data Interdisciplinary Science for Eclipse Step-1 Interdisciplinary Science for Eclipse Step-2	20 39 36	4 N/A 5	20% N/A	Heliophysics Heliophysics Heliophysics Heliophysics		a are sim no decision in contain 2024 2 selectables remain February 2024
2022 2022 2022	Heliophysics Tools and Mathods Heliophysics Citizen Science Investigations Space Weather Centers of Excellence	18 8 17	6 3 4	33% 38% 24%	Heliophysics Heliophysics Heliophysics		one of the four is a partial selection
2022	Emerging Worlds Solar System Workings Planetary Data Archiving and Restoration	34 84 27	17 37 8	44%	Planetary Planetary Planetary		One declined not compliant. Selections include one partial and two that are no NASA funding. Two declined not combliant. Selections include one with no NASA funding. One declined not combliant.
2022 2022 2022	Exobiology Solar System Observations New Ernnivers Data Analysis Step-1	60 20 30	14 8 N/A	23% 40% N/A	Planetary Planetary Planetary		One declined not compliant. One declined not compliant. Selections include two partial
2022 2022 2022	New Frontiers Data Analysis Step-2 Lunar Data Analysis Step-1 Lunar Data Analysis Step-2	22 46 34	11 N/A 8	50% N/A 24%	Planetary Planetary Planetary		One declined not compliant One declined not compliant
2022	Mars Data Analysis Steo-1 Mars Data Analysis Steo-2 Cassini Data Analysis Steo-1	77 55 35	N/A 15 N/A	N/A 27% N/A	Planetary Planetary Planetary		
2022	Cassini Data Analysis Steo-2 Discovery Data Analysis Planetary Instrument Concepts for the Advancement of Solar System Observations Maturation of Instruments for Solar System Exploration	16 18	9	30% 56% 50% 14%	Planetary Planetary Planetary Planetary		Selections include one "partial"
2022 2022	Manufación or instruments for Social System Exporation Planetary Protection Research Laboratory Analysis of Returned Samoles Planetary Science Enabling Facilities	15 12 25	5 7	33% 58% 40%	Planetary Planetary Planetary		Selections include three partial selections
2022 2022 2022	Planetary Science Early Career Award Development and Advancement of Lunar Instrumentation Interdisciplinary Consortia for Astrobiology Research	32 33 28	5 4 8	16% 12% 29%	Planetary Planetary Planetary		Selections include one "partial"
	Yeartiv Ocoortunities for Research in Pfanetary Defense Analon Activities to Support Artemis Lunar Operations (D-RATS) Marisan Moons Exploration Participating Scientist Program	18 33 49	8 13 10		Planetary Planetary Planetary		One declined non-compliant
2022	Arternis III Geology Tearn Apollo Next Generation Sample Analysis Program Precursor Science Investigations for Europa	7 28	3 5		Planetary Planetary Planetary		One declined not compliant.
2021 2021 2021	Astrophysics Data Analysis Astrophysics Research and Analysis Astrophysics Theory Program Neil Gehrels Swift Observatory General Investigator Cycle 18	214 155 181	48 57 47		Astrophysics Astrophysics Astrophysics		5 Were declined not compliant one declined not compliant one declined not compliant. Nine of the selections listed to the left was a partial selection. 3 were declined not compliant.
2021	Strategic Astrophysics Technology	140 80 40	44 34 14	31% 43% 35%	Astrophysics Astrophysics Astrophysics		one declined not compliant. One of the selections listed to the left was a partial selection.
2021	Nancv Grace Roman Technoloov Fellowshios for Early Career Researchers NuSTAR General Observer Cycle 8 TESS General Impestigator Cycle 5	1 165 101 107	1 81 49 71	49%	Astrophysics Astrophysics Astrophysics		
2021	NICER General Observer Cvcle 4 K-Ray Imaging and Spectroscopy Mission Guest Scientist Program Astrophysics Explorers U.S. Participating Investigators Theoretical and Computational Astrophysics Networks	see notes see notes	see notes see notes see notes	see notes	Astrophysics Astrophysics Astrophysics Astrophysics		Not Solicited This Year, moved to 2022. Not Solicited This Year Not Solicited This Year Not Solicited This Year
2021	Astroohysics Pioneers Physical Sciences Informatics	15 29	1 5	7%	Astrophysics		3 declined not compliant: one declined not compliant
2021 2021 2021	Extended Longevity of 3D Tissues and Microphysiological Systems Seace Biology: Animal Studies Step-1 Seace Biology: Animal Studies Step-2	36 56 47	9 56 12	25%	Biological and Ph	ysical Sc	This was not in ROSES, this was a separate solicitation: NNH21ZDA015N. ience Of the 12 selected, one was a partial selection. Three were declined as not compliant. Two remain
	Space Biology: Plant Studies Step-1 Space Biology: Plant Studies Step-2 Lunar Explorer Instrument for Space Biology Applications	45 35 10	45 7 3				idence Taxo were declined as not compliant. One remains selectable February 2023 jenne
2021 2021	Topical Workshops, Symposis, and Conferences Excelanets Research Program Future Investigators in NASA Earth and Soace Science and Technology Astro	31 183 222	27 22 29	87% 12%	Cross Division Cross Division Cross Division		13 declined non-compliant one declined non-compliant
2021 2021 2021	Future Investigators in NASA Earth and Space Science and Technology BPS Future Investigators in NASA Earth and Space Science and Technology Earth Future Investigators in NASA Earth and Space Science and Technology Helio	38 394 60	2 62 13	13% 5% 16% 22%	Cross Division Cross Division Cross Division		Selected with No NASA Funding and one declined non compliant one declined non compliant
2021 2021 2021	Future Investigators in NASA Earth and Soace Science and Technology Planetary Future Investigators in NASA Earth and Soace Science and Technology Science E Science Activation Program Integration	224 2 30	32 1 8	14% 50% 27%	Cross Division Cross Division Cross Division		Site Sections That Commitment is at declined non-commitment in the declined non-commitment Processis were submitted 2711/2022 and 6 more were partially Supported.
2021	Supplemental Open Source Software Awards Citizen Science Seed Funding Program Payloads and Research Investigations on the Surface of the Moon	0 29 31	0 11 2	N/A	Cross Division Cross Division Cross Division	Ē	two declined non compliant
2021	Land Cover/ Land Use Chanoe Terrestrial Ecology	19 46	8 20	42% 43%	Earth Science Earth Science	E	
2021	Biodiversity Desan Salinity Science Team Crosoberic Science Arctic Radiation-Cloud-Aerosol-Surface Interaction Experiment	16 29 34 33	10 12 11 18	41% 32%	Earth Science Earth Science Earth Science Earth Science		olus one partial selection one declined as not compliant
2021 2021 2021	Remote Sensing of Water Quality Earth Surface and Interior Precipitation Measurement Missions Science Team	38 49 114	10 18 36	26% 37% 32%	Earth Science Earth Science Earth Science		
2021 2021 2021	DSCOVR Science Team CloudSat and CALIPSO Science Team Recompete Rapid Response and Novel Research in Earth Science	26 65 7	13 22 5	50% 34%	Earth Science Earth Science	Ē	one is still no decision remains 09/22. Did not close until 03/29/2022
2021 2021	Earth Science Applications: Water Resources SERVIR Applied Sciences Team Earth Science Applications: Health and Air Quality	67 49 68	30 20 8	45% 41% 12%	Earth Science Earth Science Earth Science		
2021 2021 2021	instrument Incubator Program Decadal Survey Incubation Advanced Information Systems Technology Land-CoverLand-Use Change, SARI Synthesis Earth Science Applications: Scoococonomic Assessments	56 76 66	17 36 32 8	30% 47% 48% 42%	Earth Science Earth Science Earth Science		One declined not compliant.
2021 2021	Land-Cover/Land-Use Chance: SARI Synthesis Earth Science Applications: Socioeconomic Assessments	10	2	42% 20%	Earth Science Earth Science		five declined as not compliant one of the two selected was a partial selection.

2021 2021 2021	Earth Science Applications: Equity and Environmental Justice Subseasonal-to-Seasonal Hydrometeorological Prediction Increasing Participation of Minority Sening Institutions in Earth Science Division St	72 57 22	39 13 10	23%	Earth Science Earth Science Earth Science		one declined as not compliant. Also 5 cartial selections not listed in the 10 to the left
2021	Heliothysics Supporting Research Heliothysics Guest Investigator Open Lung With a Star Science Strategic Capabilities Eving With a Star Science Strategic Capabilities Space Westher Science Apolication Research to Operations to Research	111 75 66 13	24 24 20 4	32% 30% 31%	Heliophysics Heliophysics Heliophysics Heliophysics		olus one partial selection
2021 2021 2021	Soace Weather Science Acolication Research-to-Operations to-Research Heliophysics Technologo and Instrument Development for Science Heliophysics Low Cost Access to Space Heliophysics Light Opportunities Studies Heliophysics Pats Environment Enhancements	14 14 12 5 4	5 4 2 3	36% 33% 40%	Heliophysics Heliophysics Heliophysics Heliophysics Heliophysics		
2021 2021 2021	Geoscace Dynamics Consellation Interdisciplinary Scientists Heliophysics Mission Concept Studies Interdisciplinary Science for Eclipse Interdisciplinary Science for Eclipse Heliophysics Living With a Star Tools and Methods Step-1 Heliophysics Living With a Star Tools and Methods Step-2	10 14 13 47	3 6 7 47	30% 43% 54%	Heliophysics Heliophysics Heliophysics		
2021	Heliophysics Living With a Star Tools and Methods Step-2 Heliophysics Innovations for Technology and Science Heliophysics Living with a Star Infrastructure Analog Activities to Support Artemis Lunar Operations (D-RATS)	39 9 1	12 6 1	67% 100%	Heliophysics Heliophysics Heliophysics Planetary		
2021 2021 2021 2021	Cassini Data Analysis Step-1 Cassini Data Analysis Step-2 Development and Advancement of Lunar Instrumentation Program Step-1 Development and Advancement of Lunar Instrumentation Program Step-2	51 38 56 44	49 15 56 5	N/A	Planetary Planetary Planetary Planetary		
2021	Discovery Data Analysis Emeraina Worlds Envision VenSAR Science Team Excitationy Hot Operation Temperature Technology	31 36 42 64	9 11 14 17	29% 31% 33% 27% 18%	Planetary Planetary Planetary Planetary		4 declined not compliant 3 declined not compliant One declined not compliant. Two selections were without NASA funding 3 declined compliant. Two selections were without NASA funding 3 declined compliant
2021 2021 2021 2021	Juno Participating Scientist Program _aboratory Analysis of Returned Samples _unar Data Analysis Step-1	27 8 46 35	9 3 43 7	33% 38% N/A 20%	Planetary Planetary Planetary Planetary Planetary		Plus one non-US proposal selected but no NASA funding
2021 2021 2021	Mars Data Analysis Step-1 Mars Data Analysis Step-1 Mars Data Analysis Step-2 Mars Data Analysis Step-2 Mars Science Laboratory Participating Scientist Program New Fronters Data Analysis Step-1 New Fronters Data Analysis Step-1	96 66 50 31	79 20 25 30	N/A 30% 50% N/A	Planetary Planetary Planetary Planetary		one declined not compliant
2021 2021 2021 2021	OSIRIS-REx Samole Analysis Participating Scientist Program Planetary Data Archiving, Restoration, and Tools Planetary Instrument Concepts for the Advancement of Solar System Observations Planetary Protection Research	48 53 22 10	9 11 6 5	21% 27%	Planetary Planetary Planetary Planetary Planetary		Three decilined not compilant. Selections include two partial selections, one is a certifial selection. Three declines rat compilant.
2021 2021 2021 2021	Planetary Science and Technology Through Analog Research Solar System Observations Solar System Workings VIPER Mission Co-Investigator Program	49 19 81 50 23	14 8 28 8	29% 42% 35% 16%	Planetary Planetary Planetary Planetary		14 selections include one cartial selection 2 of the 8 are partial selections includes two that are no NASA funding
2020	Yearly Occortunities for Research in Planetary Defense Astrochysics Data Analysis Astrochysics Research and Analysis	311 169	47 44	15%	Planetary Astrophysics Astrophysics	155	Actually, 313 were submitted but only 311 were reviewed as 1 proposal was declared non compliant, and 1
2020 2020 2020	Astrophysics Theory Program Neil Gehrels Smith Observatory Quest Investigator Cycle 17 Felmi Guest investigator Cycle 14 Strategic, Astrophysics Technology Astrophysics Technology Astrophysics Technology Astrophysics Technology Fellowships for Early Career Researchers Vancy Crace Roman Technology Fellowships for Early Career Researchers	see notes 127 87 see notes	see notes 44 36 see notes	see notes 35% 41% see notes	Astrophysics Astrophysics Astrophysics Astrophysics		Not Solicited This Year These are just the Phase-1 results, the Phase-2s were due 06/25/2021 Not Solicited This Year
2020 2020 2020	NUSTAR General Observer Cycle / TESS Guest Investigation Cycle 4 NICER Guest Observer Cycle 3 Astrophysics Evalurars ILS, Participation Investigation	16 196 146 112 0 22	84 62 81 0	42%	Astrophysics Astrophysics Astrophysics Astrophysics		These are just the Phase-1 results, the Phase-2s were due 06/18/2021. Of the 84 orocosals were selected.
2020 2020 2020 2020	Theoretical and Computational Astrophysics Networks LISA Preparatory Science Astrophysics Pioneers Extreme Precision Radial Velocity Foundation Science Step-1 Proposals	16 24 31	4 6 4 28	38% 17% N/A	Astrophysics Astrophysics Astrophysics		1 declined as non-complianthot responsive
2020	Externe Pricision Radial Velocity Foundation Science Step 2 Processls Space Bioloxy Step-1 Space Bioloxy Step-2 Physical Sciences Informatics Fluid Physica Experiments on ISS	25 104 83 34	104 15	N/A	Astrophysics Biological and Physiological	rsical Sc rsical Sc	ence One declined non comblant. This was not in ROSES in 2020, this was a separate solicitation: NNH202DA014N. This was not in ROSES in 2020, this was a separate solicitation: NNH202DA012PA. FLUIDS.
2020 2020	Land Cover/ Land Use Change Deean Biology and Biogeochemistry	34 15 66 76	13 17	15% 13% 20% 22%	Earth Science Earth Science		plus three partial selections and one declined non-compliant/not responsive
2020 2020 2020	Carbon Ovele Science Carbon Monitorino Svstem Blodwestry Global Ecosystem Dynamics Investigation (GEDI) Science Team	103 55 114 40	24 17 13 18	45%	Earth Science Earth Science Earth Science Earth Science Earth Science		Includes two partial selections.
2020 2020 2020	Physical Oceanography Ocean Salirity Field Campaign Ocean Surface Topography Science Team Modeling Analysis and Prediction Prospheric Science Orospheric Science	2 38 175 80	1 17 34 18	45% 19% 23%	Earth Science Earth Science Earth Science Earth Science Earth Science		
2020 2020 2020 2020	Atmospheric Composition: Upoer Atmospheric Composition Observations Atmospheric Composition: Laboratory Research Atmospheric Composition Campaign Data Analysis and Modeling Terrestrial Hydrology	21 11 91 48	15 3 31 11	71% 27% 34%	Earth Science Earth Science Earth Science Earth Science Earth Science		clus two partial selections one declined not compliant/not responsive.
	Earth and Surface Interior CYONISS Competed Science Team Rapid Response and Novel Research in Earth Science Earth Science U.S. Particication Investigator New (Earth Career) Investigator Program in Earth Science The Science of Terria, Agua, and Supuni-NPP The Science of Terria, Agua, and Supuni-NPP	46 48 30 238 227	14 21 6 45	30%	Earth Science Earth Science Earth Science Earth Science Earth Science		olie declinica noi complianamina responsive. Dius two partial selections and one declined not compliantinot responsive. I declined not compliantinot responsive. Two partial selections
2020 2020 2020	Studies with ICESat-2 Health and Air Quality Applied Sciences Team Ecological Forecasting	227 24 58 28 67	51 10 14 13	42% 24%	Earth Science Earth Science Earth Science		includes 7 partial selections
2020	Citizen Science for Earth Systems Program Commercial SmallSat Data Analysis Mythanced Component Technology in-space Validation of Earth Science Technologies Solar Iradiance Science Team	135 71 13 9	25 12 3 8	12% 19% 17% 23% 89%	Earth Science Earth Science Earth Science Earth Science Earth Science		
2020	Solar Irradiance Science Team SAGE III VISS Science Team Science Team for the OCO Missions Science Team for the OCO Missions Sucomi NPP and JPSS Standard Products for Earth System Data Records	19 32 32	11 19 25	58% 59% 78%	Earth Science Earth Science		olus one partial selection
2020 2020 2020	Heliophysics Supponting Research Step-1 Heliophysics Supponting Research Step-2 Heliophysics Guest Investigators Open Step-1 Heliophysics Guest Investigators Open Step-1 Heliophysics Guest Investigators Open Step-2 Living With a Star Science Step-1	134 118 139 119 68 61	132 41 139 29 68	35% N/A 24%	Heliophysics Heliophysics Heliophysics Heliophysics		2 declined non compliant/not responsive Dius one partial selection. 3 declined non compliant/not responsive
2020 2020 2020	Living With a Star Science Stept—1 Space Westher Science Stept—2 Space Westher Science Applications Operations 2 Research Step-1 Space Westher Science Applications Operations 2 Research Step-1 Space Westher Science Applications Operations 2 Research Step-2 Heliophysics Technology and Instrument Development for Science	61 38 33 31	26 37 9 15	43% N/A 27% 48%	Heliophysics Heliophysics Heliophysics Heliophysics		olus one partial selection. 2 declined non comeliant
2020 2020 2020 2020	Helicohvsics Low Cost Access to Soace Helicohvsics Flight Coordunalies Studies Helicohvsics Flight Opportunities for Research and Technology Helicohvsics Data Environment Enhancements Stee-1 Helicohvsics Data Environment Enhancements Stee-2	12 16 20 17	5 2 20 9	42% 13% N/A	Heliophysics Heliophysics Heliophysics Heliophysics Heliophysics		
2020	Heliophysics LLS Participating Newstigator Step-1 Heliophysics LLS Participating Newstigator Step-1 Heliophysics LLS Participating Newstigator Step-2 Early Career Investigator Program Step-2 Early Career Investigator Program Step-2 SQLD-ICON Guest Investigators Step-1 SQLD-ICON Guest Investigators Step-1 SQLD-ICON Guest Investigators Step-2	14 12 68 54	14 3 67 14	N/A 26%	Heliophysics Heliophysics Heliophysics Heliophysics		one was declined as non-compliantinot responsive
2020 2020 2020	Parker Solar Probe Guest Investigators Step-1 Parker Solar Probe Guest Investigators Step-2 HERMES Interdisciplinary Science Teams Step-1	32 46 37 12	36 14 46 14 11	44% N/A 38% N/A	Heliophysics Heliophysics Heliophysics Heliophysics Heliophysics		Selection rate overall is 11/46 = 30%. Plus one selected partial. 3 declined non compliant.
2020 2020 2020	HERMES Interdisciplinary Science Teams Step-2 Emerging Worlds Step-1 Emerging Worlds Step-2	12 11 145 125 253	6 142 22 47	55% N/A 18%	Heliophysics Planetary Planetary	N/A 195	22 includes one partial selection. One declined non compliant/not responsive
2020 2020 2020 2020	Solar System Workings Exphibiology Solar System Observations Step-1 Solar System Observations Step-2 Designations and Advancement of Lungs Instrumentation Program Step-1	253 156 59 47 47	25 58 13 47	19% 16% N/A 28% N/A	Planetary Planetary Planetary Planetary Planetary	N/A 147 N/A	Two declined, not complarathot responsive. Two declined, not complarathot responsive. Of those 25 selected 9 were partial selections.
2020 2020 2020	Development and Advancement of Lunar Instrumentation Program Step-2 Laboratory Analysis of Returned Samples Step-1 Laboratory Analysis of Returned Samples Step-5 Laboratory Analysis of Returned Samples Step-5 Planetary Data Archiving, Restoration, and Tools Step-2 Planetary Data Archiving, Restoration, and Tools Step-2	43 36 30 172	5 36 7 170	12% N/A	Planetary Planetary Planetary Planetary Planetary	1895 N/A 329	\$ value is total awarded amount, all sent in year 1. Award sizes varied by - factor of 10
2020 2020 2020 2020	Lassini Data Analysis Step-1 Cassini Data Analysis Step-2 New Frontiers Data Analysis Step-1 New Frontiers Data Analysis Step-2	131 65 57 61 44	65 17 61 16	30% N/A 38%	Planetary Planetary Planetary Planetary	N/A 139 N/A 179 N/A 163	Includes one partial selection. Includes one partial selection. One declined as non-complianting responsive
2020 2020 2020 2020	Discovery Data Analysis Step-1 Discovery Data Analysis Step-2 Mars Data Analysis Step-1 Mars Data Analysis Step-1	57 48 134 96	57 12 103 31	N/A 25% N/A 32%	Planetary Planetary Planetary Planetary	N/A 164 N/A 144	THE RESIDENCE OF THE PROPERTY
2020 2020 2020	Planetary Instrument Concects for the Advancement of Solar System Observations Planetary Instrument Concepts for the Advancement of Solar System Observations Planetary Protection Research Jurnar Data Analysis Steo-1 Lumar Data Analysis Steo-2	125 94 see notes 66 45	118 10 see notes 61 7	N/A 11% see notes N/A 16%	Planetary Planetary Planetary Planetary Planetary		including a partial selection. Not Solicited This Year
2020 2020 2020	Topical Workshops. Symposia. and Conferences Excolanets Research Program Habitable Worlds Step-1	38 153 147	21 30 71	55% 20% N/A	Cross Division Cross Division Cross Division	N/A	Includes one partial selection. 7 declined not compliant.
2020	Habitable Worlds Step-2. Future Investigators in NASA Earth and Soace Science and Technology Astro Future Investigators in NASA Earth and Soace Science and Technology Earth Future Investigators in NASA Earth and Space Science and Technology Planelay Future Investigators in NASA Earth and Space Science and Technology Planelay	71 196 344 36 247	8 21 58 16 33	11% 11% 17% 44% 13%	Cross Division Cross Division Cross Division Cross Division Cross Division	45 45 45 45	3 declined non compliant. 199 received. 2 returned without review. 3 moved to PSD. 2 received from PSD. 196 total reviewed. 21 335 received. 2 withdrawn. 5 non compliant. 58 selected 36 received. 16 selected. 2 instrument/technology 7 DAP, 1 space weather science application, 6 theory
2020 2020	Science Activation Program Integration Support for Open Source Tools, Frameworks, and Libraries Supplemental Open Source Software Awards Citizen Science Seed Funding Program	32 61 6 35	9 8 6 9	28% 13% 100% 26%	Cross Division Cross Division Cross Division Cross Division	675	Includes two carrial selections. 6 declined not compliant.
2020 2020 2020	Pavloads and Research Investigations on the Surface of the Moon Step-1 Payloads and Research Investigations on the Surface of the Moon Step-2 COVID-related Augmentations and Funded Extensions	52 29 171	38 3 95	N/A 10% 56%	Cross Division Cross Division Cross Division	N/A	2 declined not compliant.
2019 2019 2019	Astrophysics Research and Analysis Astrophysics Theory Program Swift Guest Investigator - Cycle 16 Fermi Guest Investigator - Cycle 13	236 120 110	see notes 52 44 40	22% 37% 36%	Astrophysics Astrophysics Astrophysics Astrophysics		Net Sniråted This Year
2019 2019 2019	Strategic Astrophysics Technology Nancy Carce Roman Technology Fellowships NuSTAR General Observer - Cycle 6 EEE Country Coun	2 173 155 91	2 42 46 52	see notes 100%	Astrophysics Astrophysics Astrophysics Astrophysics		Not Solicited This Year
2019 2019 2019	NICER Guest Observer - Cycle 2 Astrophysics Science SmallSat Studies System-Level Seamented Telescope Design - Technology Maturation	32	8 2	57% 25% 67%	Astrophysics Astrophysics Astrophysics		

2019 Land Cover Land Use Change Step-1 2019 Land Cover Land Use Change Step-2	30 25	29	N/A 36%	Earth Science Earth Science		Step-1 merely "encouraged" vs. discouraged, but all may proceed to submit a Step-2
2019 Lland Cover Land Use Change Step-1 2019 Lland Cover Land Use Change Step-2 2019 Lland Cover Land Use Change Step-2 2019 Physical Deparagonably 2019 Deeas Stainty Science Team 2019 Sea Level Change Science Team 2019 Sea Level Change Science Team 2019 Modeling Analysis and Prediction	40 30 15 68	8 11 7	20% 37% 47% 25%	Earth Science Earth Science Earth Science Earth Science Earth Science		6 full selections 2 partial selections One declined as non combliant. Two partial selections included in the 11/30 6 out of the 7 selected were not fully funded. The 17 selected includes 2 partial selections.
2019 Aura Science Team	19 66 53 103	10 17 11 29	53% 26% 21% 28%	Earth Science Earth Science Earth Science Earth Science		17 includes one partial selection.
2019 Terestrial Hydrology 2019 The Solf Misstare Activer-Passive Mission Science Team 2019 Weather and Atmospheric Dynamics 2019 Earth Surface and Interior 2019 GRACE-FO Science Team 2019 Racid Response and Novel Research in Earth Science	85 60 38	20 14 21 4	24% 23% 55% 67%	Earth Science Earth Science Earth Science Earth Science		
2019 Aidou response and rober tessearch in Expense. 2019 Aidour response and rober tessearch in Expense. 2019 Aidour response and rober tessearch in Expense. 2019 Expense instrument Technology Transition 2019 Earth Science Research in Earth Science 2019 Expense. 2019 ICESst-2 Research 2019 ICESst-2 Research	14 118 152 96	4 35 27	29% 30% 18%	Earth Science Earth Science		
2019 Global Navigation Satellite System Research 2019 PACE Science and Applications Team 2019 Understanding Changes in High Mountain Asia	24 52 38	11 23 4	25% 46% 44% 11%	Earth Science Earth Science Earth Science Earth Science		Includes 6 partial selections.
2019 Advancing Collaborative Connections for Earth System Science 2019 Instrument Incubator Program 2010 Systematics I and Imaging, Technology	72 70 12 45	11 19 6 11	15% 27% 50%	Earth Science Earth Science Earth Science Earth Science		2 were declined as non compliant
2019 Dilization of Airborne L- and S- Band Swithetic Aperture Radar Imagery over 2019 Dilization of Airborne L- and S- Band Swithetic Aperture Radar Imagery over 2019 Decadal Survey Incubation Study Teams: Planetary Boundary Layer and Surface 2019 Helicothysics Supponting Research Step 1	T 62 140 122	25 140	40% N/A	Earth Science		Steo-1 all "invited"
2019 Heliophysics Suppontina Research Step-2 2019 Heliophysics Theory, Modeling, and Simulations Step-1 2019 Heliophysics Theory, Modeling, and Simulations Step-2 2019 Heliophysics Guest Investigations Open Step-1 2019 Heliophysics Guest Investigations Open Step-2 2019 Heliophysics Guest Investigations Open Step-2	64 54 146	64 14 146	26% N/A	Heliophysics Heliophysics Heliophysics Heliophysics		one Ster-2 procosal was declined as non comoliant. Step-1 all "invited" Step-1 all "invited"
2019 Heliophysics Guest Investigators Open Step-2 2019 Heliophysics Living With a Star Science Step-1 2019 Heliophysics Living With a Star Science Step-2 2019 Space Weather Science Applications Operations 2 Research Step-1	128 73 65 56	30 73 26 56	23% N/A 40% N/A	Heliophysics Heliophysics Heliophysics Heliophysics		6 declined as non compliant Steen-1 all "insteed" Steen-1 all "insteed"
2019 Space Weather Science Applications Operations 2 Research Step-2 2019 Heliophysics Technology and Instrument Development for Science	48 31 42	13 12 15	27% 39% 36%	Heliophysics Heliophysics		one declined non compliant.
2019 Heliophysics Flight Opportunities for Research and Technology 1019 Livino Wilh a Stat Stratepic Capabilities 2019 Heliophysics Data Environment Emphasis Step-1 2019 Heliophysics Data Environment Emphasis Step-2 2019 Heliophysics U.S. Participating Investigator	18 15 see notes	18 11 see notes	see notes	Heliophysics Heliophysics Heliophysics Heliophysics		Not solicited in ROSES-2019 Steo-1 all "Invited" Not solicited in ROSES-2019
2019 Outer Heliosohere Guest Investigators Step-1 2019 Outer Heliosohere Guest Investigators Step-2 2019 Heliophysics System Observatory Data Support 2019 Heliophysics System Observatory - Connect Step-1	19 16 6	18 5 4 17	N/A 31% 67% N/A	Heliophysics Heliophysics Heliophysics		One Steo-1 was declined as non compliant One Steo-2 was declined as non compliant Step-1 all "invited"
2019 Heliophysics System Observatory - Connect Step-2 2019 Emerging Worlds Step-1	14	130	29% N/A	Heliophysics Planetary	N/A	
2019 Emeraina Worlds Steo-2 2019 Exobioloov 2019 Solar System Observations Step-1 2019 Solar System Observations Steo-2	100 159 66 49	23 18 65 9	23% 11% N/A 18%	Planetary Planetary Planetary Planetary	244 259 N/A 151	4 declined non compliant. Of those 23 selected 5 were partial selections. 7 declined non compliant.
2019 Solar Sivatem Observations Step-2 2019 Develorment and Advancement of Lunar Instrumentation Program Step-1 2019 Development and Advancement of Lunar Instrumentation Program Step-2 2019 Laboratory Analysis of Returned Samples Step-1 2019 Laboratory Analysis of Returned Samples Step-2	44 31	49 5 25	11% N/A	Planetary Planetary Planetary	N/A	one declined non compliant Plus one partial selection. Two declined non compliant. Award sizes range from = 100K-1M
2019 Planetary Data Archivino. Restoration, and Tools Step-1 2019 Planetary Data Archiving, Restoration, and Tools Step-2 2019 Cassini Data Analysis Step-1	23 144 112 85	139 18 85	26% N/A 16% N/A	Planetary Planetary Planetary Planetary	N/A 150 N/A	Plus one battal selection. Two declined non-combinant, Award sizes range from ~ 10uk-1M
2019 Cassini Data Analysis Steo-2 2019 New Frontiers Data Analysis Step-2 2019 Lunar Data Analysis Step-1 2019 Lunar Data Analysis Step-1 2019 Lunar Data Analysis Step-1	61 27 62 31	18 11 59 8	30% 41% N/A 26%	Planetary Planetary Planetary Planetary	187 159 N/A 127	
2019 Planetary Science and Technology Through Analog Research Step-1 2019 Planetary Science and Technology Through Analog Research Step-2 2019 Discourant Park Analogie Step-1	81 49 57	69 6 56	N/A 12% N/A	Planetary Planetary Planetary	N/A 761 N/A	
2019 Discovery Data Analysis Step-2 2019 Mars Data Analysis Step-2 2019 Mars Data Analysis Step-1 2019 Mars Data Analysis Step-2 2019 Mars Data Analysis Step-2 2019 Planetary Instrument Concents for the Advancement of Solar System Observation	163	129 21 116	19% N/A 20%	Planetary Planetary Planetary	158 N/A 160 N/A	
2019 Planetary Instrument Concepts for the Advancement of Solar System Observation 2019 Planetary Instrument Concepts for the Advancement of Solar System Observation 2019 Planetary Protection Research 2019 Planetary Protection Research 2019 Planetary Major Equipment and Facilities: Stand-alone proposals	see notes see notes	see notes see notes	N/A 12% see notes see notes	Planetary Planetary Planetary	299 N/A N/A	One of the selections was a feasibility study. Average annual award size of the other 11 = 321 Not solicited in ROSES-2019 Not solicited in ROSES-2019
2019 Planetary Science Early Career Award Program 2019 Interdisciplinary Consortia for Astrobiology Research Steo-1 2019 Interdisciplinary Consortia for Astrobiology Research Step-2 2019 Europa Citoper Gravity/Radio Science Team	46 30 44	34 6 8	17% N/A 20% 18%	Planetary Planetary Planetary Planetary	823	Steo-1 merely "encouraged" vs. discouraged, but all may proceed to submit a Steo-2 In addition to the 6 listed, there were also two "partially" selected 1/11 for Team leadt 7/33 for Co-1
2019 Eurosa Clicoer Grarkiv/Radio Science Team 2019 Akatsusid Particiosatio Scientist Procram Mandatory NOI 2019 Akatsusid Particiosation Scientist Procram Proposatis 2019 Mars 2020 Participating Scientist Program Proposatis 2019 Mars 2020 Participating Scientist Program Procosalis	18 11 195 120	8 N/A 4 N/A 13	N/A 36% N/A 11%	Planetary Planetary Planetary Planetary	N/A 191 N/A 83	13 selected includes 3 from foreign organizations
2019 Solar System Workings 2019 Topical Workshops, Symposia, and Conferences	371 47	42 32 see notes	11%	Planetary Cross Division	176	Proposers are instructed to contact funding program manager; most proposals are not submitted without
2019 Excolanets. Research Program 2019 Habitable Worlds Step-1 2019 Habitable Worlds Step-2 2019 Asolicel Information Systems. Research Step-1	111 65 21	70 7 18	N/A 11% N/A	Cross Division Cross Division Cross Division Cross Division		not solicited in ROSES-19 see Second Expolanets Research Program in 2018 Step-1 merely "encouraged" vs. discouraged, but all may proceed to submit a Step-2 Step-1 merely "encouraged" vs. discouraged, but all may proceed to submit a Step-2
2019 Apolied Information Systems Research Step-2 2019 Future Investigators in NASA Earth and Space Science and Technology 2019 Assessment Step Step Step Step Step Step Step Ste	17 797 246	131		Cross Division Cross Division Astrophysics	122	Stee-2 propostals were due 417/2020 Astro = 20/158, Earth = 63/341, Helio = 14/44, Planetary = 34/254
2019. Astrophysics Data Anthysis 2019. George Anthophysics Data Anthysis 2019. George Anthophysics Data Anthysis 2019. Astrophysics Space Anthophysics 2019. Astrophysics Spaces Program 2019. Astrophysics Decory Program 2019. George Decory Program 2019. Fermi Color United States 2019. Spaces Color Decorate Spaces Spaces 2019. Spaces Color Decorate Spaces Spaces 2019. Spaces Color Decorate Spaces 2019. Spaces Color Decorate Spaces 2019. Spaces Color Decorate Spaces 2019.	247 164 38	38 31 9	22% 15% 19% 24%	Astrophysics Astrophysics Astrophysics	144	6 Declined as Non-Compliant. This takes the place of the 2019 solicitation, it was added to ROSES-2018 to maintain the normal schedule. Plus 19 partial selections. Including partial selections the rate is 30%.
2018 LISA Preparatory Science	97 see notes 30	35 see notes 9	36% see notes	Astrophysics Astrophysics Astrophysics	N/A 219	Not Solicited This Year Number submitted based on Phase-1 via ARK RPS Not Solicited This Year All amandatory Nots received.
2018 Nancy Grace Roman Technology Fellowships 2018 NICER Guest Observer - Cycle 1 2018 NuSTAR Guest Observer - Cycle 5	1 84 198 6	1 49 67 0	N/A 100% 58% 41% 0%	Astrophysics Astrophysics Astrophysics Astrophysics		Number submitted based on Phase-1 via ARK RPS Number submitted based on Phase-1 via ARK RPS
2018 SOFIA Next Generation Instrumentation 2018 Strategic Astrophysics Technology 2018 Swift Guest Investigator - Cycle 15 2018 Transiting Excolanet Survey Satellite Cycle-2	30 141 151	12 22 37	40% 16% 25%	Astrophysics Astrophysics Astrophysics		Number submitted based on Phase-1 via ARK RPS Number submitted based on Phase-1 via ARK RPS
2018 Apollo Next Generation Sample Analysis Program 2018 Astrochmamics in Support of ley Worlds Missions Steo-1 2018 Astrochmamics in Support of ley Worlds Missions Step-2 2018 Cassini Data Analysis Step-1	23 38 33	9 37 4	39% N/A 12%	Planetary Planetary Planetary	286 N/A 301	
2018 Cassini Data Analysis Step-1 2018 Cassini Data Analysis Step-2 2018 Cassini Data Analysis Step-2 2018 Cassini Data Analysis:PDS Cassini Data Release 54 Step-1 2018 Cassini Data Analysis: PDS Cassini Data Release 54 Step-2	79 61 10	79 18 9	N/A 30%	Planetary Planetary Planetary Planetary	N/A	Plus one partial selection
Cassani Data Analysis: PDS Cassani Data Release 54 Step-2 Development and Advancement of Lunar Instrumentation Program Step-1 Development and Advancement of Lunar Instrumentation Program Step-2 Discovery Data Analysis Step-1	7 72 48 33	72 10 32	29% N/A 21% N/A	Planetary Planetary Planetary Planetary	N/A 1070	
2018 Discovery Data Analysis Step-2 2018 Emeratina Worlds Step-1 2018 Emerging Worlds Step-2 2018 Exhibitors	22 161 110 156	5 135 26 24	23% N/A 24% 15%	Planetary Planetary Planetary Planetary	N/A 129 N/A 187 215	plus one partial selection
2018 Instrument Concepts for Europa Exploration 2 Step-1 2018 Instrument Concepts for Europa Exploration 2 Step-2 2018 Korea Pathfinder Lunar Orbiter Participating Scientist Program Step-1	49 44 40	48 14 40	N/A 32% N/A	Planetary Planetary Planetary	N/A 1020 N/A	
2018 Korea Pathfinder Lunar Orbiter Participating Scientist Program Step-2 2018 Laboratory Analysis of Returned Samples Step-2 2018 Laboratory Analysis of Returned Samples Step-2 2018 Lunar Data Analysis Step-1	26 33 26 66	9 29 9 63	35% N/A 35% N/A	Planetary Planetary Planetary Planetary	N/A 299 N/A	Launch date delayed review postboned, Selections made late 2020.
2018 Lunar Data Analysis Step-2 2018 Lunar Surface Instrument and Technology Payloads Step-1 2018 Lunar Surface Instrument and Technology Payloads Step-2	37 69 51 54	9 61 12 10	24% N/A 24% 19%	Planetary Planetary Planetary	110 N/A 1275	Of the 10 awards one was to a foreign proposer.
2018 Mars 2020 Returned Samole Science Participating Scientist Program 2018 Mars Data Analysis Steo-1 2018 Mars Data Analysis Steo-2 2018 Mars Data Analysis Steo-2 2018 Maturation of Instruments for Solar System Exploration Step-1	160 103 75	10 129 23 66	N/A 22% N/A	Planetary Planetary Planetary Planetary	N/A 136 N/A	Ut the 10 awards one was to a toreign proposer. Plus one partial selection
2018 Maturation of Instruments for Solar System Exploration Step-2 2018 New Frontiers Data Analysis Step-1 2018 New Frontiers Data Analysis Step-2 2018 Planetary Data Archiving, Restoration, and Tools Step-1	55 44 25 122	6 34 9 113	11% N/A 36% N/A	Planetary Planetary Planetary Planetary	1000 N/A 129 N/A	
2018 Planetary Data Archiving. Restoration. and Tools Steo-2 2018 Planetary Instrument Concepts for the Advancement of Solar System Observation 2018 Planetary Instrument Concepts for the Advancement of Solar System Observation 2018 Planetary Maior Equipment and Facilities Steo-1	91 d 124 d 91	16 116 11	18% N/A 12% N/A	Planetary Planetary Planetary	157 N/A 318	
2018 Planetary Major Equipment and Facilities Step-2 2018 Planetary Mission Concept Studies 2018 Planetary Protection Research	9 54 35	14 1 10 10	11% 19% 29%	Planetary Planetary Planetary Planetary	N/A 1,053 120 195	1-year awards only one declined non compliant
2018 Planetary Science and Technology Through Analog Research Step-1 2018 Planetary Science and Technology Through Analog Research Step-2 2018 Scientific Exploration Subsurface Access Mechanism for Europa Technology Dev 2018 Scientific Exploration Subsurface Access Mechanism for Europa Technology Dev	N/A N/A e 10 e 9	N/A N/A 10 5	N/A N/A N/A 56%	Planetary Planetary Planetary Planetary	N/A	Not Solicited This Year Not Solicited This Year
2018 Solar System Observations Step-1 2018 Solar System Observations Step-2 2018 Solar System Workings	82 66 338	81 14 74	N/A 21% 22%	Planetary Planetary Planetary	N/A 146 149	14 selected include three partial selections
2018 Rosetta Data Analysis Step-1 2018 Rosetta Data Analysis Step-2 2018 Exoolanets Research Program Step-1	26 23 152	26 7 151	N/A 30% N/A	Planetary Planetary Cross Division	N/A 174 N/A	1 late proposal returned without review
2018 Excolanets Research Program Steo-1 2018 Excolanets Research Program Steo-2 2018 Second Expolanets Research Program Step-1 2018 Second Expolanets Research Program Step-1 2018 Second Expolanets Research Program Step-2 2018 Second Expolanets Research Program Step-2 2018 Second Expolanets Research Program Step-2	117 184 139	16 184 21	14% N/A 15%	Cross Division Cross Division Cross Division	159 N/A	This takes the 2019 solicitation, it was added to ROSES-2018 to maintain the normal schedule of the 21 selected, two were central and of those declined, one was non compliant.
2018 Habitable Worlds Step-2 2018 Habitable Worlds Step-2 2018 Topical Workshops, Symposia, and Conferences	127 60 52	72 10 38	N/A 17% 73%	Cross Division Cross Division Cross Division	N/A 185	9 full selection and one partial selection and one decline as non compliant Proposers are instructed to contact funding program manager, most proposals are not submitted without
2018 Onean Salinity Field Campainn SPIRS-2 Procession and Synthesis 2018 Earth Surface and Interior 2018 Sustaining Living Systems in a Time of Climate Variability and Change 2018 Earth Science Apolications: Disaster Risk Reduction and Response	55 63 40	4 19 17 10	100% 35% 27% 25%	Earth Science Earth Science Earth Science Earth Science	137 169 358	
2018 Precipitation Measurement Missions (PMM) Science Team 2018 Physical Oceanography 2018 Earth Science U.S. Participating Investigator	130 56 26	40 12 8	31% 21% 31%	Earth Science Earth Science Earth Science	131 153	The 8th was funded later by Physical Oceanography program funds
2018 Cloudsat and CALIPSO Science Tram Recompete 2018 Earth Science Apolications: Water Resources Step-1 2018 Earth Science Apolications: Water Resources Step-2 2018 Latrospheric Composition: Modeling and Analysis	101 106 46 114	21 49 9 24	21% 46% 20% 21%	Earth Science Earth Science Earth Science Earth Science	N/A 312 179	Plus four more partial selections Plus one bridge funding
2018 NASA Energy and Water Cycle Study 2018 Science Team for the NASA ISRO Synthetic Aperture Radar (NISAR) Mission 2018 Land Cover Land Use Change Stee-1	13 51 52	2 25 23	15% 49% 44% 41%	Earth Science Earth Science Earth Science Earth Science	N/A	Overall selection rate vs. Steo-1s is 17%
2018 Land Cover Land Use Chance Step-2 2018 Rapid Response and Novel Research in Earth Science 2018 SERVIR Applied Sciences Team Step-1	8	7	88%	Earth Science	_	

2018 T	errestrial Ecology SCOVR Science Team	72 29	17 13		Earth Science Earth Science	154	
2018	COSTRESS Science Team Idvanced Information Systems Technology Remote Sensing Theory for Earth Science Plankton, Aerosol, Cloud, Ocean Ecosystem (PACE) Mission System Vicarious	73 100 134	15 22 23	21% 22% 17%	Earth Science Earth Science		
2018	Carbon Monitorina System: Continuina Prototype Product Development	54	15		Earth Science Earth Science Heliophysics	3100	
	teliophysics Data Environment Enhancements Steo-1 teliophysics Data Environment Enhancements Steo-2 teliophysics - Early Career Investigator Program Step-1 teliophysics - Early Career Investigator Program Step-2	9 4 101	6 4 55	54%	Heliophysics	N/A 59 N/A	
	teliophysics - Early Career Investigator Program Step-2 feliophysics Guest Investigators Steo-1 feliophysics Guest Investigators Steo-2 feliophysics Living With a Star Science Step-1	50 160 142	159 37	18% N/A 26% N/A	Heliophysics Heliophysics Heliophysics Heliophysics	N/A N/A	9 full selection and three partial selections
		120 104 44	120 29 43	28% N/A	Heliophysics Heliophysics	N/A	two declined as non compliant.
2018 F 2018 F 2018 S	teliophysics Phase I DRNE Science Centers Step-1 teliophysics Phase I DRNE Science Centers Step-2 teliophysics Space Weather Operations-to-Research second Heliophysics Scace Weather Operations-to-Research Step-1	19 12	9 9 12	N/A	Heliophysics Heliophysics Heliophysics Heliophysics	N/A	
2018 F 2018 F	Second Heliophysics Space Weather Operations-to-Research Step-1 second Heliophysics Space Weather Operations-to-Research Step-2 feliophysics Supporting Research Step-1 feliophysics Supporting Research Step-2	190 169	189 33	N/A 20%	Heliophysics Heliophysics	N/A N/A	Step-1 break out by discipline: HSPHR: 42, ITM: 19, MAG: 71, Sun: 58 Step-2 break out by discipline: HSPHR: 8/37, ITM: 4/18 , MAG: 12/59 , Sun: 9/54
	teliophysics Technology and Instrument Development for Science Step-1 feliophysics Technology and Instrument Development for Science Step-2	74 264	92 4 43	5%	Heliophysics Heliophysics	N/A	
2017 /	estrophysics Data Analysis estrophysics Research and Analysis estrophysics Theory Program	169 219	36 51	21% 23%	Astrophysics Astrophysics		52 total selections, of which 14 were partial selections. Four proposals were declined as non compliant.
2017 P	Saudyingsts: https://linearingsts.com/sices	138 69 42	65 23	55%	Astrophysics Astrophysics		Productions were desirated as front critical as
	lancy Grace Roman Technology Fellowships IuSTAR Guest Observer - Cycle 4 Strategic Astrophysics Technology Swift Guest Investigator - Cycle 14	196 25 146	83 11	0% 42% 44% 21%	Astrophysics Astrophysics Astrophysics		
2017 T 2017 T 2017 T	heoretical and Computational Astrophysics Networks ransiting Expolanet Survey Satellite Cycle-1	32 143 146	3 38 145	9% 27%	Astrophysics Astrophysics Astrophysics		were from non-US organizations and thus not funded and 1 belongs to a category of unfunded proposals One proposal declined non constiant. Of those selected 4 were propriate from non-US Organizations and thus not eligible for funding.
	xxolanets Research Program Step-1 xxolanets Research Program Step-2 stabitable Worlds Step-1 delibels Wedge Step-2	111 101	19 59	N/A 17% N/A 17%	Cross Division Cross Division Cross Division Cross Division	148 N/A	
	fabitable Worlds Step-2 Opical Workshops, Symposia, and Conferences divanced Component Technology	54 88 39	32 12	59% 14% 13%	Cross Division Earth Science	100	52 NOIs were submitted.
2017 / 2017 / 2017 (Advancing Collaborative Connections for Earth System Science Hmosoheric Composition: Laboratory Research Computational Modeling Algorithms and Cyberinfrastructure Cryospheric Science	20 13 67	8 5	40% 38% 19%	Earth Science Earth Science Earth Science Earth Science		10 NOIs submitted
2017 C	Prospheric Science PYGNSS Competed Science Team Earth Science Applications: Health and Air Quality Earth Surface and Interior	44 62	14 11 13	32%	Earth Science Earth Science Earth Science		
2017 E	anth Venture Suborbital-3 ire Impacts on Regional to Global Scales: Emissions, Chemistry, Transport, and n-space Validation of Earth Science Technologies	30 38 26	5 17	17%	Earth Science Earth Science Earth Science		One of the 5 was a partial selection Only 9 were fully funded. One proposal was from a foreign granization 7 were partially funded.
2017 L 2017 M	and Coveril and Use Change Making Earth Systems Data Records for Use in Research Environments May (Earth Carear) Insertinator Program in Earth Science	33 96 141	8 24 33	24% 25% 23%	Earth Science Earth Science Earth Science		One declined non compliant. One declined non compliant.
2017 C	Ocean Salinity Science Team Ocean Vector Winds Science Team	28 48 27	7 15 12	25% 31% 44%	Earth Science Earth Science Earth Science		Ce declined not compliant 29 NOIs submitted 29 NOIs submitted
2017 F 2017 S	Rapid Response and Novel Research in Earth Science SAGE IMSS Science Team Science Team for the OCO Missions	5 34 41	2 10 17	40% 29% 41%	Earth Science Earth Science Earth Science		4 declined non compliant Plus four proposals from foreign prospirations not eligible for NASA funding
2017 8	solar Irradiance Science Team	11 92 230	8 20 66	73% 22% 29%	Earth Science Earth Science Earth Science		10 NOIs were submitted. Proposals came in 10/06/2017. One proposal was declined as non compliant. 17 fully funded, 3 partially funded.
2017 F 2017 F 2017 F	errestma ryproxogy he Science of Terra, Aqua, Suomi, NPP, and JPSS letiophysics Guest Investigators Step-1 fetiophysics Guest Investigators Step-2 letiophysics Infrastructure and Data Environment Enhancements Step-1	193 175 15	191 32 11	N/A 18% N/A	Heliophysics Heliophysics Heliophysics	N/A	Sun = 12/69; MAG = 10/53 (incl a partial); ITM =4/20 (incl a partial); HSPH = 6/33
2017 F 2017 F 2017 F	telophysics Infrastructure and Data Environment Enhancements Steo-2 teliophysics Living With a Star Science Step-1 teliophysics Living With a Star Science Step-2	9 136 117 21	9 136 30	100% N/A 26%	Heliophysics Heliophysics Heliophysics	53 N/A	
2017 F	leliochvsics Space Weather Operations-to-Research teliochvsics Supporting Research Steo-1 teliophysics Supporting Research Step-2	198 177	8 198 37	38% N/A	Heliophysics Heliophysics Heliophysics		2 oroposals are under consideration for funding by another Agency. The 37 (21%) selected doesnt include the 7 partial selections. Sun 56 submitted, 12 selected, 3 partially
2017 F	feliophysics Technology and Instrument Development for Science Step-1 feliophysics Technology and Instrument Development for Science Step-2 dagnetospheric Multiscale Guest Investigators Step-1	101 88 54	100 33 54	N/A 38%	Heliophysics Heliophysics Heliophysics		
2017 N 2017 C	Asgnetospheric Multiscale Guest Investigators Step-2 assini Data Analysis Step-1 assini Data Analysis Step-2	47 92 73	16 84 20	34% N/A	Heliophysics Planetary Science Planetary Science	N/A 120	Two declined as non compliant.
	Niscovery Data Analysis Step-1 Discovery Data Analysis Step-2 merolina Worlds Steo-1	54 35 172	53 7 158	N/A	Planetary Science Planetary Science Planetary	N/A 165 N/A	
2017 E 2017 E 2017 E	meraina Worlds Step-2 xabiology Step-1 xabiology Step-2	128 200 150 67	30 177 30 19	23% N/A 20%	Planetary Planetary Science Planetary Science		The 30 (23%) selected dont include 5 partial selections The 27 (20%) selected does include the three partially selected.
	nSiaht Particioatina Scientist Program aboratory Analysis of Returned Samples Step-1 aboratory Analysis of Returned Samples Steo-2	27	19 27 6 64	28% N/A	Planetary Science Planetary Science Planetary Science Planetary Science	N/A	Plus four proposals from foreign organizations are selectable and under consideration for funding by a
	unar Data Analysis Step-1 unar Data Analysis Step-2 fars Data Analysis Step-1	22 65 48 154	64 11 131	N/A 23% N/A	Planetary Science Planetary Science Planetary Science	127 N/A	Pus three partial selections
	fars Data Analvsis Steo-2 SISRIS REX Participating Scientists Program Steo-1 SIRIS REX Participating Scientists Program Step-2	154 103 79 61 108	21 77 13 100	20% NA 21%	Planetary Science Planetary Science Planetary Science		Two were from foreign proposers
2017 F 2017 F 2017 F	Hanetary Data Archivino. Restoration, and Igols Step-1 Hanetary Data Archivino. Restoration, and Tools Step-2 Planetary Instrument Concepts for the Advancement of Solar System Observations	108 80 136 106	100 16 125	20% NA	Planetary Science Planetary Science Planetary Science	157 N/A	olus one partial selection not included in data to the left 2 non-compliant. 9 discouraged.
	Planetary Instrument Concepts for the Advancement of Solar System Observations Stanetary Protection Research Planetary Science and Technology Through Analog Research Step-1 Planetary Science and Technology Through Analog Research Step-2 solar System Observations Step-1	14 60	12 1 49	7% N/A	Planetary Science Planetary Science Planetary Science	N/A	1 was fully selected. four were partially selected, and one was declined as non compliant. The remainder
2017 \$	Solar System Observations Step-2	90 71	90 19	13% N/A 27%	Planetary Planetary Planetary	820 N/A 370	wide range of award sizes blus 5 partial selections in NEOO not included in the 19 listed. Ava award size for 10 PAST selections is
2017 F	Solar Svstem Workinos Kosetta Data Analysis Step-1 Kosetta Data Analysis Step-2 Astrophysics Data Analysis	366 45 31 238	74 43 9 52	20% N/A 29%	Planetary Planetary Planetary	146 N/A 135	one non compliant and one discouraged One declined non compliant. 3 Procoasts not reteieved as non-responsive/non-compliant. Total of awards: 17,900.460 over the period
	satophysics bata Analysis strophysics Explorers U.S. Participating Investigators strophysics Probe Mission Concept Studies strophysics Research and Analysis	1 28 140	0 10	36%	Astrophysics Astrophysics Astrophysics Astrophysics		3 Proposais not reviewed as non-responsive non-composant, Total of awards: 17, 900, 460 over the period 16 of there were partial awards.
	sardywystos Research and viruspas katochwisci Bheory Phoram xxplanet Research Program Step-2 Astro only, redundant with Xdv XRP row Fermi Guest Investigator - Cycle 10 12 Guest Observer - Cycle 5 Step-1	200 50	31 9	39% 16% 18% 23%	Astrophysics Astrophysics Astrophysics	162	16. Of there were damas awards.
2016 F 2016 F	Carlin Suest Investigation Cycle 10 Step-1 (2 Guest Observer - Cycle 5 Step-1 (2 Guest Observer - Cycle 5 Step-2 (2 Guest Observer - Cycle 5 Step-2 (3 Guest Observer - Cycle 5 Step-2 (4 Guest Observer - Cycle 5 Step-2 (5 Guest Observer - Cycle 5 Step-2 (6 Guest Observer - Cycle 5 Step-2 (7 Guest Observer - Cycle 5 Step-2 (8 Guest Observer - Cycle 5 Step-2 (8 Guest Observer - Cycle 5 Step-2 (8 Guest Observer - Cycle 5 Step-2 (9 Guest	183 104 91 N/A	42 104 24 N/A	N/A 26%	Astrophysics Astrophysics		See also https://keolerscience.arc.nasa.gov/ 4 foreign Pl's selected with no funding.
2016 P 2016 S 2016 S 2016 S	22 Guest Observer - Oxele & Stece-2 above Grace Roman Technology Fellowships uSTAR Guest Observer - Oyele 3 trategic Astrophysics Technology with Guest Investigator - Cycle 13	216 30 156	47 9	N/A 22% 30% 15%	Astrophysics Astrophysics Astrophysics Astrophysics	NA.	Not solicited this year 47 awards include foreign investigators, 33 proposers from US organizations received funds.
2016 E	xxxolanets Research Program Step-1 ixxolanets Research Program Step-2 tabitable Worlds Step-1	140 110	139 20	N/A 18% NA	Cross Division Cross Division Cross Division	NA 123 NA	Plus a couple of partial selections
2016	sabitable Worlds Step-2 nterdisciplinary Science For Eclipse 2017 Step-1 nterdisciplinary Science For Eclipse 2017 Step-2	61 41 39	14 41 11	23% NA	Cross Division Cross Division Cross Division	175 NA 95	
2016	industrialman Voltage Cerus Editose 2017 Seeb 2 Opical Workshops, Symposia, and Conferences and Cover/Land Use Change Step-1 and Cover/Land Use Change Step-2	51 53 25	42 27 9	82%	Cross Division Earth Science Earth Science		Proposers are instructed to contact funding program manager; most proposals are not submitted without
2016 C	Ocean Biology and Biogeochemistry-1 Ocean Biology and Biogeochemistry-2	67 49 34	65 13 9	NA 27% 26%	Earth Science Earth Science Earth Science		
2016 C	errestrial Ecology Jarbon Ovcle Science Jarbon Moritorino System Physical Oceanography	135 76 34	28 16 11	21% 21% 32%	Earth Science Earth Science Earth Science		
2016 5	Ocean Salinity Science Team Sea Level Change Science Team	38 20 56	17 8 26	46%	Earth Science Earth Science Earth Science		
2016 7	Cean Surface Topography Science Team footeling. Analysis, and Prediction timoscheric Composition: Upoer Almospheric Composition Observations Joud and Aerosol Monspornal Processes - Philippines Experiment	161 35 32	39 24 14	44%	Earth Science Earth Science		
	Mmoscheric Composition: Aura Science Team and Atmoscheric Composition More errestrial Hydrology Veather and Atmoscheric Dynamics arth Surface and Interior	100 29 68	39 14 28	39% 48% 41%	Earth Science Earth Science Earth Science Earth Science		
2016 F	Rapid Response and Novel Research in Earth Science	45 13 75	18 6 44	40% 46% 59%	Earth Science Earth Science		
2016 A 2016 B	koolied Science - Water Resources Steo-2 ceBridge Science Team Studies with ICESat and CryoSat-2	45 16 28	8 6 13	46%	Earth Science Earth Science Earth Science		
2016 A	Airborne Instrument Technology Transition Earth Science U.S. Participating Investigator	24 17 96	4 7 28	17% 41% 29%	Earth Science Earth Science Earth Science		
2016 F	NASA Data for Operation and Assessment Remote Sensing of Water Quality Utilization of Airborne Visible/Infrared Imaging Spectrometer - Next Generation	56 44 27	15 9 10	37%	Earth Science Earth Science		
2016 E	nonzanario Ambiente Visitate intratetti intanti Stestionnese - Nexi Generaliani Advanced Information Systems Technology Instrument Incubator Program Earth Science Applications: Ecological Forecasting	137 80 33	21 19 13	15% 24% 39%	Earth Science Earth Science		
	Citizen Science for Earth Systems Program Space Geodesv Research Program Siroup on Earth Observations Work Programme	103 8 111	16 4 33	30%	Earth Science Earth Science Earth Science		
2016 F	search science Applications: Food Security and Agriculture deliophysics Grand Challenges Research Step-1 deliophysics Grand Challenges Research Step-2 deliophysics Grand Challenges Research Step-2 deliophysics Grand Challenges Research Step-1	12 44 40 198	1 44 10 197	8% NA 25% NA	Earth Science Heliophysics Heliophysics		
2016 H	feliophysics Guest Investigators Step-1 teliophysics Guest Investigators Step-2 feliophysics Infrastructure and Data Environment Enhancements Step-1	181 28	197 30 28	17% N/A	Heliophysics Heliophysics Heliophysics	N/A	Plus four partial selections
2016 H 2016 H	teliophysics Infrastructure and Data Environment Enhancements Steo-2 teliophysics Living With a Star Science Step-1 teliophysics Living With a Star Science Step-2	24 74 63	7 74 21 233	33%	Heliophysics Heliophysics Heliophysics	53	
2016 F	teliophysics Supporting Research Step-1 Heliophysics Supporting Research Step-2 Heliophysics Technology and Instrument Development for Science Step-1	235 211 87	233 31 86		Heliophysics Heliophysics		
2016 F	teliophysics Technology and Instrument Development for Science Step-2 teliophysics U.S. Participating Investigator Step-1 teliophysics U.S. Participating Investigator Step-2 Computer Notice Multipage Count Investigator	7 5	7 2 ee	23% N/A 40%	Heliophysics Heliophysics Heliophysics		
2016 M	Asanetospheric Multiscale Guest Investicators Step-1 Asanetospheric Multiscale Guest Investicators Step-2 Cassini Data Analysis Step-1	57 40 87	55 10 71	NA 25% N/A	Heliophysics Heliophysics Planetary Science	N/A	
2016 C	zassini Data Analysis Step-2 Concepts for Ocean worlds Life Detection Technology Step-1 Concepts for Ocean worlds Life Detection Technology Step-2	66 104 83	12 104 16	18% N/A 19%	Planetary Science Planetary Planetary	N/A	time former to the source but to former as
2016	Discovery Data Analysis Step-1	55	53	N/A	r-anetary Science	n/A	was uracouraged from this program but redirected and 1 was discouraged as non-compliant

2016	Discovery Data Analysis Steo-2 Dynamic Power Convertors for Radioisotope Power Systems Steo-1 Dynamic Power Convertors for Radioisotope Power Systems Steo-2	34 17 14	10 16 4	N/A 29%	Planetary Science Planetary Planetary	N/A	obus one cartial selection not included in data to the left Phase 1s were around \$800k each. Total cost estimates for Phase 1, 2, and 3, all came in at around \$3M
2016	Emerging Worlds Step-1 Emerging Worlds Step-2 Exobioloon Stee-1 Exobioloop Step-2	204 155 239 173	201 34 217 27	N/A 16%	Planetary Planetary Planetary Science Planetary Science	N/A 177 N/A 178	This does not include stand alone PMEs which are funded from a separate source. One of the 34 selections Plus three partial selections not included in the 27 selected to the left.
	Exoclamet Research Peroram Staro 2 PSD only, redundant with Xdiv XRP row for Coverating Temperature Technology at Laboratory Analysis of Returned Samples Step-1 Laboratory Analysis of Returned Samples Step-2 Lunar Data Analysis Step-1 Lunar Data Analysis Step-1	30 31 28	11 12 31 12	43%	Planetary Science Planetary Science Planetary Science Planetary Science	123 600 N/A 252	Plus one partial selection
2016	Lunar Data Analysis Step-1 Lunar Data Analysis Step-2 Mars Data Analysis Step-1 Mars Data Analysis Step-2	63 48 166 118	63 10 156 29	N/A 21% N/A 25%	Planetary Science Planetary Science Planetary Science Planetary Science	N/A 120 N/A 123	Plus two partial selections
2016 2016 2016	Maturation of Instruments for Solar System Exploration (MattISSE) Step-1 Maturation of Instruments for Solar System Exploration (MattISSE) Step-2 New Frontiers Data Analysis Program Step-1 New Frontiers Data Analysis Program Step-2	80 62 50	79 8 33	N/A 13% NA	Planetary Science Planetary Science Planetary Science Planetary Science	N/A	
2016 2016 2016	Planetary Data Archiving, Restoration, and Tools Step-1 Planetary Data Archiving, Restoration, and Tools Step-2 Planetary Instrument Concepts for the Advancement of Solar System Observations	116 89 119	113 19 113	N/A 21% N/A	Planetary Science Planetary Science Planetary Science	146 N/A	Plus two partial selections
2016 2016 2016	Planetary Instrument Concepts for the Advancement of Solar System Observations Planetary Science and Technology Through Analog Research Step-1 Planetary Science and Technology Through Analog Research Step-2 Planetary Science Deep Space SmallSat Studies NOI's	82 50 107	62 6 107	N/A 12% N/A	Planetary Science Planetary Science Planetary Science Planetary Science	N/A 855 N/A	5 declined as non compliant wide range of award sizes
2016	Planetar Science Deeo Space SmallSat Studies Step-2 Solar System Deserrations Step-1 Solar System Observations Step-2 Solar System Workings Step-1 Solar System Workings Step-1 Solar System Workings Step-2	102 110 90 429	19 104 30 376	19% N/A 33% N/A	Planetary Science Planetary Planetary Planetary	348 N/A N/A	plus 5 partial selections
	Solar System Workinas Stee-2 Astrophysics Data Analysis Astrophysics Research and Analysis Astrophysics Theory Program	299 252 159 N/A	60 51 54 N/A	20% 20% 34%	Planetary Astrophysics Astrophysics Astrophysics	156 120	not solicited this year
	Exoolanet Research Program Steo-2 Astro only, redundant with Xdiv XRP row Fermi Guest Investigator - Cycle 9 K2 Guest Observer - Cycle 3 Step-1 K2 Guest Observer - Cycle 3 Step-2	39 184 83 75	6 36 N/A 31	15% 20% N/A	Astrophysics Astrophysics Astrophysics Astrophysics		this line is redundant with Xdv XRP line, its here so that one can see all of the APD selections in one place.
2015 2015 2015	KZ Guest Deserver - Cvcle 4 Step-1 KZ Guest Deserver - Cvcle 4 Step-2 KS Guest Deserver - Cvcle 4 Step-2 Nancy Grace Roman Technology Fellowships NUSTAR Guest Deserver - Cvcle 2 SOFIA Third Generation Science Instrument Step-1 SOFIA Third Generation Science Instrument Step-1 SOFIA Third Generation Science Instrument Step-2	127 109 5 185	N/A 36 3	N/A 33% 60%	Astrophysics Astrophysics Astrophysics		
2015	Strategic Astrophysics Technology	4 3 29	N/A 2 7	27% N/A 67% 24%	Astrophysics Astrophysics Astrophysics Astrophysics	843	
2015	Swift Guest Investigator - Cvcle 12 WFIRST Science Investigation Teams and Adjutant Scientists Expositant Research Program Stee-1 Expositant Research Program Stee-2	185 38 137 112	8 N/A 20	N/A 18%	Astrophysics Astrophysics Cross division Cross division	N/A 114	8 fully funded plus 5 partial selections as well. Astro funded 7 and PSD funded 13 and one oilot study so a total of 20 not including pilot study.
2015 2015 2015	Advancing Collaborative Connections for Earth System Science Biodiversity Carbon Monitoring System CloudSat and CALIPSO Science Team Recompete	52 21 68 97	8 7 15 25	33% 22%	Earth Science Earth Science Earth Science Earth Science		
2015 2015 2015 2015	Cryosphenc Science Earth Science Applications: Socioeconomic Benefits Earth Surface and Interior GRACE and GRACE-FO Science Team	84 20 59 32	17 1 25 20	20% 5% 42%	Earth Science Earth Science Earth Science Earth Science		
2015 2015 2015	Health and Air Quality Applied Sciences Team loeBridge Observations In Space Validation of Earth Science Technologies	58 8 24 66	13 5 4 22	22% 63% 17%	Earth Science Earth Science Earth Science		
	KORUS-AO: An International Coocerative Air Quality Field Study in Korea Land Cover / Land Use Channe. Modeline Analysis and Prediction NASA ISRO Synthetic Apenture Radar mission Science Definition Team NASA ISRO Synthetic Apenture Radar mission Science Definition Team New (Early Caren Investigator Program in Earth Science	70 8 44	13 5 20 22	45%	Earth Science Earth Science Earth Science Earth Science Earth Science		This croaram uses a binding two Step submission. The 13/70 reflects the fact that 70 were submitted to
2015 2015 2015	Ocean Biology and Biogeochemistry Physical Oceanography Precipitation Measurement Missions Science Team Precipitation Measurement Missions Science Team	115 71 37 136	15 8 60	22% 44%	Earth Science Earth Science Earth Science		
	Satellite Calibration Interconsistency Studies Science Utilization of the Soil Moisture Active-Passive Mission SERVIR Applied Sciences Team Surface Water and Ocean Topography Science Team	117 43 67	37 16 22	18% 32% 37% 33%	Earth Science Earth Science Earth Science Earth Science		
2015 2015 2015 2015	Sustainable Land Imagina-Technology Understanding Changes in High Mountain Asia Heliophysics Guest Investigators Step-1 Heliophysics Guest Investigators Steo-2	61 202 150	12 137 24	16%	Earth Science Earth Science Heliophysics Heliophysics	NA	
2015	Heliophysics Infrastructure and Data Environment Enhancements Steo-1 Heliophysics Infrastructure and Data Environment Enhancements Steo-2 Heliophysics Living With a Star Science Steo-1 Heliophysics Living With a Star Science Steo-2	15 14 103 92	15 8 101 20	98%	Heliophysics Heliophysics Heliophysics Heliophysics	NA 51 NA	In this program selected at Step-1 really is binding these were "imited" to submit a Step-2. Normally. Step-1.
	Helsonbusics Living With a Start Science Step-2 Helsonbusics Supporting Research Step-1 Helsonbusics Supporting Research Step-2 Helsonbusics Technology and Instrument Development for Science Step-1 Helsonbusics Technology and Instrument Development for Science Step-1 Helsonbusics Technology and Instrument Development for Science Step-2	377 251 135 106	226 46 134 14	N/A	Heliophysics Heliophysics Heliophysics Heliophysics	NA NA	SOLR = 14/78; MAG = 15/77; ITM = 6/30; HSPHR = 11/66 (three were returned as non-compliant)
2015 2015 2015	Cassini Data Analysis Steo-1 Cassini Data Analysis Steo-2 Citizen science Asteroid Data Education, and Tools Steo-1 Citizen science Asteroid Data Education, and Tools Steo-2	97 84 10	85 21 10	N/A 25% N/A	Planetary Science Planetary Science Planetary Science Planetary Science	116 NA	This program is actually being run by another Directorate, see solicitation. This program is actually being run by another Directorate, see solicitation.
2015 2015 2015	Discovery Data Analysis Step-1 Discovery Data Analysis Step-2 Freening Worlds Step-1	50 39 169 132	47 9 164 29	N/A 23% N/A	Planetary Science Planetary Science Planetary Science	NA 137 NA	The street partial selections in the street of the street
	Emeroino Worlds Steo-2 Exobiology Step-1 Exobiology Step-1 Exobiology Step-2 Exobiology Step-1 Exobiology Step-1	247 190 72 121	225 30 13	N/A 16% 18%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	NA 167	There were 30 selections include two descooes and three pilot studies. The average award size not this ine is redundant with Adv ARP line, its here so that one can see all of the PSD selections in one clace.
2015 2015 2015	Habitable Worlds Stec-2 Havabusa2 Participating Scientist Steo-1 Havabusa2 Participating Scientist Steo-2	63 69 46	10 69 9	N/A 20%	Planetary Science Planetary Science Planetary Science	151 NA 56	One is a partial selection
2015 2015 2015	Laboratory Analysis of Returned Samoles Step-1 Laboratory Analysis of Returned Samoles Step-2 Lunar Data Analysis Step-1 Lunar Data Analysis Step-2	18 71 47	8 70 12	44% 99% 26%	Planetary Science Planetary Science Planetary Science Planetary Science	230 NA 115	The average award size in year 1 ranges from –\$65K to nearly \$600K
2015 2015 2015	Mars Data Analysis Steo-1 Mars Data Analysis Steo-2 Mars Science Laboratory Participating Scientist Program Steo-1 Mars Science Laboratory Participating Scientist Program Step-2	133 101 105 88	126 20 104 28	N/A 20% N/A 32%	Planetary Science Planetary Science Planetary Science Planetary Science	102 NA	Of the 28 selected four were not for NASA funding and four were partial selections.
2015	New Fronfiers Homesteader-1 New Fronfiers Homesteader-2 Planetary Data Archiving, Restoration, and Tools Step-1 Planetary Data Archiving, Restoration, and Tools Step-2 Planetary Potentian Residentian, and Tools Step-2 Planetary Protection Resistant	134 84 117 97	8 113 24	N/A 10% N/A 25% 33%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	990	one of the 24 was a cartial selection, but it had no effect on the average award size. 3 were funded as procosed, two were one-year pilot studies.
2015 2015 2015	Planetary Science and Technology Through Analog Research Step-1 Planetary Science and Technology Through Analog Research Step-2 Solar System Observations Step-1	68 48 70	57 8 69	N/A 17% N/A	Planetary Science Planetary Science Planetary Science	NA 558 NA	3 were funded as proposed, two were one-year pilot studies. Awards range from ~\$100K to ~\$1M
2015 2015 2015	Solar System Observations Steo-2 Solar System Workings Steo-1 Solar System Workings Steo-2 Astrophysics Data Analysis Astrophysics Explorer U.S. Participating Investigators	485 314 303	13 403 66 71	N/A 21% 23%	Planetary Science Planetary Science Planetary Science Astrophysics	118 NA 132 118	
2014	Astrophysics Explorer U.S. Participating investigators Astrophysics Research and Analysis Astrophysics Theory Program Expolarinet Research Program Expolarinet Research Program Step 2 Astro only, redundant with Xdiv XRP row Externer Precision Docoler Spectionneter Instrument Step 1	151 216 62	35 32 14	23%	Astrophysics Astrophysics Astrophysics Astrophysics	155	plus 10 partial selections
2014 2014 2014	Extreme Precision Doooler Spectrometer Instrument Step-1 Extreme Precision Doooler Spectrometer Instrument Step-2 Fermi Quest Investigator – Cocle 8 K2 Guest Observer – Ovde 1 Step-1 K2 Guest Observer – Ovde 1 Step-2	6 6 190 110	N/A 2 35 N/A		Astrophysics Astrophysics Astrophysics Astrophysics		
2014 2014 2014	K2 Guest Observer – Cvcle 2 Step-1 K2 Guest Observer – Cvcle 2 Step-2 Nancy Grace Roman Technology Fellowships	93 90 76 8	27 N/A 26 3	34%	Astrophysics Astrophysics Astrophysics Astrophysics	166	There were also 9 selected with no funding, presumably proposal from foreign organizations There were also 9 selected with no funding, presumably proposal from foreign organizations
2014 2014 2014 2014	NUSTAR Guest Obserner - Cycle 1 Strategic Astrophysics Technology Swift Guest Investigator - Cycle 11 WFIRST Preparatory Science	194 28 168 53	33 10 32 17	17% 36% 19%	Astrophysics Astrophysics Astrophysics Astrophysics		9. were fully funded, the 10th was a partial selection. wide ranse, from \$50K-\$200K
2014 2014 2014	Expolanet Research Program Steo-1 Expolanet Research Program Steo-2 Advanced Information Systems Technology Atmospheric Composition: Laboratory Research	169 134 124 45	163 24 24 13	96% 18%	Cross division Cross division Earth Science Earth Science		PSD funded 10 out of 72 = 14%, average award size = \$131K. Plus. later. PSD funded two more with a one.
2014	Almospheric Composition: Modelina and Analysis Almospheric Composition: Spectral Climate Sional Carbon Moration System Climate Indicators and Data Products for Future National Climate Assessments Climate Indicators and Data Products for Future National Climate Assessments Computational Modelina Alanoithms and Coherification for	96 21 71 94	18 7 15 25	19% 33% 21% 27%	Earth Science Earth Science Earth Science Earth Science	313	
2014 2014 2014	DSCOVR Earth Science Aloorithms Earth Science U.S. Participating Investigator GNSS Remote Sensing Science Team	23 19 20 30	7 9 7 10	30% 47% 35% 33%	Earth Science Earth Science Earth Science Earth Science		
2014 2014 2014	HyspIRI Preparatory Airborne Activities and Associated Science: Coral Reef and V locBridge Research ICESatt Science Definition Team	21 23 25	10 9 12 7	48% 39% 48% 17%	Earth Science Earth Science Earth Science Earth Science Earth Science		
2014 2014 2014	Land Lover / Land Use Linander Mutal-Source Land Immonito Science Ocean Biolod van di Biodecchemister: Ocean Color Remote Sensing Vicarious (In S Ocean Salirity Field Campaign Physical Oceanography Rapid Response and Novel Research in Earth Science	12 21 35	3 12 7	25% 57% 20%	Earth Science Earth Science Earth Science Earth Science Earth Science		
2014	Kapio response and rover research in Earth Science Remote Sensing Theory for Earth Science Science Team for the OCO-2 Mission Severe Storm Research Solar Irradiance Science Team	118 47 37	22 21 12 7	19% 45% 32%	Earth Science Earth Science Earth Science		
2014 2014 2014	Terrestrial Ecology Weather Weather Heliophysics Guest Investigators Step-1	13 101 37 117	21 12 95	21% 32% N/A	Earth Science Earth Science Heliophysics	N/A	
2014 2014 2014 2014	Heboortvisics Guest Investigators Step-2 Hebiophysics Infrastructure and Data Environment Enhancements Step-1 Hebiophysics Infrastructure and Data Environment Enhancements Step-2 Hebiophysics Infrastructure and Data Environment Enhancements Step-2 Hebiophysics I Jann With a Star Science Step-1	90 22 17 118	37 21 10 N/A	N/A 59% N/A	Heliophysics Heliophysics Heliophysics Heliophysics	N/A N/A	Interface Region Imagina Societocirach 9/21 selected. Open Data Development Element 20/51 selected. 1. discourance Step-1 proposals in this program are not evaluated, selected or declined.
2014	Heliophysics Living With a Star Science Step-2 Heliophysics Supporting Research Steo-1 Heliophysics Supporting Research Steo-2 Heliophysics Stepheniology and Instrument Development for Science Steo-1 Heliophysics Technology and Instrument Development for Science Steo-1	103 323 221 98	22 168 39 N/A	21% N/A 18% N/A	Heliophysics Heliophysics Heliophysics Heliophysics	N/A N/A	The 168 encouraged break down as follows: Heliosothere 45/91, ITM = 21/40. Magnetosothere = 41/105 and Submitted procosals break down as follows: Heliosothere 80, ITM 24. Magnetosphere 61, and Solar 76. no Stee-1 procosals in this procram are not evaluated, selected or declined.
2014 2014	Heliophysics Technology and Instrument Development for Science Step-2 Cassini Data Analysis Step-1 Cassini Data Analysis Step-2 Dawn at Ceres Guest Investigator Program Step-1	85 101 78 80	14 100 19 N/A	16% N/A 24% N/A	Heliophysics Planetary Science Planetary Science Planetary Science	122 N/A	Only 1 Sites-1 was discouraged for non compliance. Of the 78 proposals submitted to CDAPS. Its Us consultations were seleted, plus one foreion investigator. Sites-1 proposals in this procram are not evaluated, selected or declined.
2014 2014 2014 2014	Dawn at Ceres Guest Investicator Program Step-2 Discovery Data Analysis Step-1 Discovery Data Analysis Step-2 Emerging Worlds Step-1	48 32 27 219	9 30 9 196	19% N/A 33% N/A	Planetary Science Planetary Science Planetary Science Planetary Science	91 N/A 123 N/A	Is selected from US organizations and one to a foreion PL. The award sizes sonined a wide rance 1 was discourated from this program but redirected and 1 was discourated as non combinant Plus one partial selection. 19 were discouraged from this program but redirected and 4 were discouraged as non compliant 19 were discouraged from this program but redirected and 4 were discouraged as non compliant
2014 2014 2014	Emercina Worlds Step-2 Exobioloay Step-1 Exobioloay Step-1 Exobioloay Step-2 Exobioloay Step-2 Exoblanet Research Program Step-2 PSD only, redundant with Xdiy XRP row	155 186 144 70	33 174 30 10	21% N/A 21% 14%	Planetary Science Planetary Science Planetary Science Planetary Science	160 N/A 183	One selection was briden funding, and was done as an assumentation. First west budgets: mean = \$160.9 were discourated from this concara but referenced and 3 were discourated as non-combinat. The 30 selected and the average award size for west 1 include 4 cantial selections. PSD funded 10 out 172 = 14% severage award size = \$131K Ptp. 1 ster PSD funded two more with a one.
2014	Exonation Research Floridal Step 2 FSD Grilly Techniques with Adv ARP 10W Habitable Worlds Step 2 Laboratory Analysis of Returned Samples Step 1	110 72 29	100 15 29	N/A 21% N/A	Planetary Science Planetary Science Planetary Science	N/A 160	FSb triblies to control (2 = 0.6, decision avails size = 313 K, Fiss, size). FSb triblies into time with a line 10 were discouranced.

Page 5 of 9

2014	aboratory Analysis of Returned Samples Step-2	24 82	9 72	38% N/A	Planetary Science Planetary Science	245 N/A	8 wars discouraged from this program but redirected and 2 were discouraged as non-compliant
2014	unar Data Analysis Step-1 unar Data Analysis Step-2 fars Data Analysis Step-1	51 139	14 N/A 28	27% N/A	Planetary Science	102 N/A	One was a descope, one other asked for 4 years but is only getting 3 (not exactly a descope). No one year
2014	flars Data Analysis Steo-2 Asturation of Instruments for Solar System Exploration (MatISSE) Steo-1 flaturation of Instruments for Solar System Exploration (MatISSE) Step-2	104 55 44	54 5	N/A 11%	Planetary Science Planetary Science	N/A 937	Only one was discouraged as non compliant
2014	Planetary Data Archiving, Restoration, and Tools Step-1 Planetary Data Archiving, Restoration, and Tools Step-2 Planetary Instrument Concepts for the Advancement of Solar System Observations	143 105 112	23 N/A	N/A 22% N/A	Planetary Science Planetary Science Planetary Science	N/A	14 were discouraged from this program but redirected. The 105 is a combination of 100 proposals submitted to PDART directly and another 5 that were sent from Three were discouraged.
2014	Planetary Instrument Concepts for the Advancement of Solar System Observations Planetary Protection Research Slanetary Science and Technology Through Analog Research Step-1	96 19 69	12 4 55	13% 21% N/A	Planetary Science Planetary Science Planetary Science	323 135	There were also three one year pilot studies. In this case the average award size is average of all years, not 14 were discouraged from this program but redirected
2014 B	Planetary Science and Technology Through Analog Research Step-2 Small, Innovative Missions for Planetary Exploration Step-1	45 56	7 50	16% N/A	Planetary Science	600 N/A	Awards ranged from ~S100K to ~S1M
2014 S 2014 S	Imall. Innovative Missions for Planetary Exploration Steo-2 solar System Observations Steo-1 solar System Observations Step-2	99 71	86 21	23% N/A 30%	Planetary Science Planetary Science Planetary Science	N/A 284	Two were fully selected, but three others were selected for technology development. 13 were discouraged from this program without redirect For SSO as a whole, the average is \$284K. For the NEOO part it's \$423K and for PAST (non-NEOO) it's
	Solar System Workinos Steo-1 Solar System Workinos Steo-2 Istroohysics Data Analysis	509 386	474 82	N/A	Planetary Science Planetary Science Astrophysics		36 were discouraced from this program but redirected. The averace award size is based on the 76 in the SSW portfolio, it doesn't include those that were moved 276 proposals submitted but 2 proposals were returned as non-responsive. 41 selected, including a partial
2013	Astrophysics Research and Analysis	276 177 198	38 27	21% 14%	Astrophysics Astrophysics	103	181 were submitted but only 177 were deemed compliant, 5 were partially funded
	remi Guest Investigator - Cocle 7 highs of Solar Systems (Astro) stratelic Astroohysics Rechnology and Solar Systems (Astro)	217 39 18	43 5 9	20% 13% 50%	Astrophysics Astrophysics	121	All proposers notified by18-Aug-14, 150 days after the proposal due date.
2013 3	with Guest Investigator - Cvcle 10 khanced Component Technology khanced Collaborative Connections for Earth System Science	175 82	35 11	20%	Astrophysics Earth Science Earth Science		
2013 /	Atmospheric Composition Campaign Data Analysis and Modeling	116 68	36 27	31% 40%	Earth Science Earth Science		
2013 0 2013 0 2013 0	arbon Cycle Science arbon Monitoring System ryospheric Science	235 37 32	41 17 10	17% 46% 31%	Earth Science Earth Science	100	This was an interagency call and the 41/235 = 17% reflects the overall selections. Here is the breakout: 23
2013 E	arth Science Applications: Health and Air Quality arth Science Applications: Water Resources arth Surface and Interior arth Vurface and Interior arth Venture Suborbital -2	67 75	9	13%	Earth Science		
2013 E	anth Venture Suborbital -2 ceBridge Science Team and Cover / Land Use Change	33 18	5	49% 15% 56% 29%	Earth Science Earth Science Earth Science Earth Science		
2013	and Cover / Land Use Change Step-1 IASA Data for Operation and Assessment	71 44	33 13	29% 46% 30%	Earth Science		
	ASA Energy and Water Cycle Study lew (Early Career) Investigator Program in Earth Science locan Biology and Biogeochemistry locan Salinity Field Campaian Analysis and Planning locan Salinity (Feld Campaian Analysis)	60 131 11	19 22 2	32% 17% 18%	Earth Science Earth Science	79	
2013 0	Ocean Salinity Field Campaign Analysis and Planning Ocean Salinity Science Team	2 31	2 14	100% 45%	Earth Science Earth Science Earth Science		
2013 F 2013 F	Dean Vector Winds Science Team PACE Science Team Physical Oceanography	49 41	19 11	38% 39% 27%	Earth Science Earth Science Earth Science		
2013 3	Suomi NPP Science Team and Processing Systems for Data Records	36 119 40	9 45 32	25% 38% 80%	Earth Science Earth Science Earth Science	520 162	proposers notified by 2/20/2014
2013	erra and Adua – Algorithms – Existing Data Products errestrial Ecology errestrial Hydrology he GLOBE Program Implementation Office	56 70	6 15	11% 21%	Earth Science Earth Science		
2013	he GLOBE Program Implementation Office he Science of Terra and Aqua Veather lelicohvsics Grand Challences	208 52 47	56 16	25% 27% 31% 23%	Earth Science Earth Science Earth Science Heliophysics	500	214 submitted. 2 were moved to A.46 and others withdrawn or non compliant All decisions communicated by email on 1024 this is the theory contamn and 214
2013	feliophysics Guest Investigators Step-1	47 174 83	11 73 22	N/A	Heliophysics		this is the theory program in 2013. Only 73 were encouraged to submit a Step-2 proposal but more than that did. see Heliophysics Guest
	teliophysics Guest Investigators Step-2 teliophysics Infrastructure and Data Environment Enhancements teliophysics Living With a Star Science teliophysics Supporting Respects Step-1	34 187 306	14 25 294	27% 41% 13% N/A	Heliophysics Heliophysics Heliophysics		only 12 were deemed Non-Compliant. All others were invited to submit a Step-2.
	teliophysics Supporting Research Step-1 teliophysics Supporting Research Step-2 teliophysics Technology and Instrument Development for Science	261 92	35 13	14%	Heliophysics Heliophysics Heliophysics		
	Solar and Heliosoberic Physics strobiology: Exobiology and Evolutionary Biology assani Data Analysis	N/A 148 99	N/A 27 10	18%	Heliophysics Planetary Science Planetary Science		Wasn't competed. Note: only 144 were reviewed 108 proposals total: 99 from US institutions, 10 DAPs were funded, three of which include participating
2013 I	Josmochemistry strument Concepts for Europa Exploration aboratory Analysis of Returned Samples	92 30 23	24 15	26% 50% 52%	Planetary Science Planetary Science Planetary Science	155 1080	There were 6 severe descopes in COS, one of which was a partial-year bridge award which I don't normally 2 noncompliant proposals were not reviewed. ICEE was limited to one year grants. Average awarded
2013	Association of the Market Mark	102 135	30 27	29% 20% 10%	Planetary Science Planetary Science	112 138	30 were selected for funding fin full or in part) out of 103 submitted but one declared non compliant
2013 I 2013 I	Acon and Mars Analog Mission Activities (MMAMA) Jear Earth Chiect Obsensations (NEOO) Drigins of Solar Systems (Planetary) Duter Planets Research	32 90	11 13	10% 34% 14%	Planetary Science Planetary Science Planetary Science	252	4 remain selectable. Award sizes range from ~85 to ~600 K On 12/05 first 5 selections have been made. In spring more selections were made bringing the total up to
		154 49 113	22 20 23	14% 41%	Planetary Science Planetary Science Planetary Science	105	Initial 15 calections abus 1 partial from fall 2013 increased to 20 full-ulunded abus 1 partial in Spring 2014
2013	Janeatary Amospheres (PATM) Planetary Geology and Geophysics (PGG) Planetary Instrument Concepts for the Advancement of Solar System Observations	131 113	32 12	24% 11%	Planetary Science Planetary Science		Initial 14 selections from fall 2013 increased to 24 fully-funded out of 113 (20%) plus 1 sartial in Spring 2014. 135 were submitted. 4 were withdrawn and one non-combliant returned without review. We received 117 proposals, 4 were found non-compliant so only 113 were peer reviewed.
2012	Planetary Mission Data Analysis strophysics Data Analysis strophysics Research and Analysis	40 291 178	90	19%	Planetary Science Astrophysics Astrophysics	97 383	The received 117 phoposals, 4 were rount morrormals so only 113 were peer reviewed. PMDAP received 42 proposals in 2013, but one was withframe by the proposals and one non-compliant 9/11 APRA PIs informed of decisions. 173 days after the due date and 12 weeks after the end of the review.
	strophysics Theory Program ucidid Science Team	181 8 223	28 3 50	15% 38% 22%	Astrophysics Astrophysics Astrophysics	137	Pls were notified 118 days after the due date.
2012 H	Cepler Guest Observer - Cycle 5 Cepler Participating Scientist Program Lancy Grace Roman Technology Fellowships	63 34 12	10	0% 29%	Astrophysics Astrophysics		Originally it was 25 Proposals selected (22 were to be funded; 3 foreign Pis not funded) but then the failure Pls notified 118 days after the due date and 7 1/2 weeks after the last review day
2012 0	Solid Solar Systems (Astro) SOFIA GO Cycle 2 Spitzer GO Cycle 12	46 112	12 35	26% 31%	Astrophysics Astrophysics	152	Pis notified 116 days after the due date and 7.1/2 weeks after the last review day
2012 S 2012 S 2012 S	pitzer GO Cycle 12 Strategic Astrophysics Technology Swift Guest Investigator – Cycle 9	137 38 158	38 9 45	28% 24% 28%	Astrophysics Astrophysics	580	9 proposals totaling \$5.2M in Year 1 awards were selected. In addition, there were 4 SAT TDEM proposals. Of the 45 recommended for selection 7 do not receive any funding. Received 38 proposals with Budgets but. This program is intent with NSF NASA selected 10 proposals (3 intensitiations) and NSF clains to select the
	heoretical and Computational Astrophysics Networks informe Instrument Technology Transition throspheric Composition: Modeling and Analysis timospheric Composition: Upper Atmospheric Composition Observations	53 33 85	10 6	19% 18%	Astrophysics Earth Science Earth Science	150	This program is joint with NSF, NASA selected 10 proposals (3 investigations) and NSF plans to select the
2012 /	timospheric Composition: Upper Atmospheric Composition Observations loudSat and CALIPSO Science Team Recompete	34 94 51	25 26	74% 28%	Earth Science Earth Science		
2012 E 2012 E	Touches and California Company and California Company and California Californ	63	10 14 8	22% 57%	Earth Science Earth Science Earth Science	120	
	icological Forecasting for Conservation and Natural Resource Management be Bridge n-Space Validation of Earth Science Technologies	66 10 23	11 7 4	17% 70% 17%	Earth Science Earth Science Earth Science		
2012 I	nterdisciplinary Research in Earth Science and Cover/Land Use Change Step-1	145 24	19 16	13% 67%	Earth Science Earth Science		11/13, selections made for one Subelement but the others are still to come, thus the selection rate will rise. 24 proposals submitted to Steo-1 of which 16 were invited to submit a Steo-2 proposal. 10 of 16 selected
2012	and Cover/Land Use Chance Step-2 Asking Earth System data records for Use in Research Environments fodeling, Analysis, and Prediction Doesn Biology and Biogeochemistry	16 81 161	10 27 36	63% 33% 22%	Earth Science Earth Science		24 proposals submitted to Steo-1 of which 16 were invited to submit a Steo-2 proposal, 10 of 16 selected
	Deean Biology and Biogeochemistry Physical Oceanography Precipitation Measurement Missions (PMM) Science Team Studies with ICESat and CryoSat-2	72 43 129	17 13 57	24% 30% 44%	Earth Science Earth Science	132	
2012 13	Studies with ICESat and CryoSat-2 Surface Water and Ocean Topography Mission SDT errestrial Ecology	129 41 45	12 20	29% 44%	Earth Science Earth Science	170	Stee 4: 90 appearsh presided 20 appearanced for Stee 2: Stee 2: 30 appearsh presided 42 appearanced
	Seospace Heliophysics Guest Investigators program Seospace Heliophysics Guest Investigators program Seospace Heliophysics Guest Investigators program Seospace Low Cost Access to Space	58 10	10	13% 17% 20%	Earth Science Heliophysics Heliophysics Heliophysics	170	Sec. 1. 80 procosals received. 28 encouraged for Stee 2. Stee 2. 30 procosals received. 12 recommended Stee 2 only. The Guest Investigators program (GPV) was not offered as a stand-alone element of the ROSES Stee 2 only. The IDES was not offered as a stand-alone element of the ROSES 2012 NRA, but it was an Steep 2 only. The LCAS was not offered as a stand-alone element of the ROSES 2012 NRA, but it was an steep 2 only. The LCAS was not offered as a stand-alone element of the ROSES 2012 NRA, but it was an steep 2 only. The ROSES 2012 NRA, but it was an
2012	Seospace Supporting Research Program	134 29	12 16 10	22% 12% 34%	Heliophysics Heliophysics		Step-2 only. The SR was not offered as a stand-alone element of the ROSES 2012 NRA, but it was an Step-2 only
2012	Sebosmode Orac Limitariana Camanisariana Solar and Heliosoberic Privsics Sassini Data Analysis Cosmochemistry	232 112 85	43 23 29	34%	Heliophysics Planetary Science Planetary Science	150	Step-2 only Of these 9 were selected as participating scientists as well. Two more partial awards were made. The
2012 I		25 24 18	3	12% 33%	Planetary Science Planetary Science Planetary Science	100	1 also received bridge funding, not included in the 8 given in column E.
2012 I	unar Advanced Science and Exploration Research Mars Data Analysis	102 93	13 29	13% 31%	Planetary Science Planetary Science	100	
2012 I 2012 I 2012 I	Mars Fundamental Research (MFRP) daturation of Instruments for Solar System Exploration (MatISSE) daven Participating Scientist Program	123 35 35	30 6 7	24% 17% 20%	Planetary Science Planetary Science Planetary Science	871 107	Stats given are for US investigations only. Non-US Institutions: 2/9 (22%) selection rate
2012	Aoon and Mars Analoa Mission Activities (MMAMA) lear Earth Object Observations (NEOO) highs of Solar Systems (Planetary)	27 26 101	3 12 13	11% 46% 13%	Planetary Science Planetary Science Planetary Science	86 546 121	Note that the avg award size has nearly doubled from previous years, due in large part to MEO's lack of held
	Julius Di Sorial Systemis (Planetary) Julier Planet Research Planetary Astronomy (PAST) Planetary Atmospheres (PATM)	143 42	32 7	22%	Planetary Science Planetary Science Planetary Science Planetary Science		
		90 140 41	12 19 13	14% 32%	Planetary Science Planetary Science	91	Award sizes ranged from \$37K to \$160K Hope to make more selections later in the year 12 full that available contains elections as well. Award size is \$108K when candists averaged in with full awards. Average award size does not include Carto, NESSF, ECF, etc. Plus 6 seed or bridge awards
	Planetary Mission Data Analysis Planetary Protection Research Interphysics Data Analysis Introphysics Research and Analysis	21 278 163	63 31	5% 23% 19%	Planetary Science Astrophysics Astrophysics	150 101	NOTE: Was covered by the MATisse Program
	Astrophysics Research and Analysis Astrophysics Theory Program ermi Guest Investigator — Civile 5	199 224 61	33 67	17% 30% 34%	Astrophysics Astrophysics Astrophysics		85 normal and 2 large awards made. Average for the 65 one and two year proposals was ~ 80 K (75 K for Plus 4 from foreign Pla/institutions.17 proposals were funded. Proposals due: 20 January 2012. Proposers
2011	(eoler Guest Observer – Cvole 4 lancy Grace Roman Technology Fellowships prigins of Solar Systems (Astro)	16 36	3	19% 8%	Astrophysics Astrophysics	195	Australia annual sina abancad bu ana larga annual Cubacannash, bug ana unar annuada mara salastad. If these
2011 S 2011 S	strateoic Astrophysics Lechnology Wrift Guest Investigator – Cycle 8 Doportunities in Education and Public Outreach for Earth and Space Science EPO	48 152 75	10 32 19	21% 21% 25%	Astrophysics Astrophysics Cross division	185	received what side sements or our state what, subdisciplinative two fort year awards were sements, it most followers that our the sements of
2011 S 2011 S	Departunities in Education and Public Outreach for Earth and Space Science EPO Supplemental Education Awards for ROSES Investigators I Supplemental Outreach Awards for ROSES Investigators I	74 23 10	18 5 2	24% 22% 20%	Cross division Cross division Cross division		lindicates the Sect 2010 due date lindicates the Sect 2010 due date
	CCESS Advancing Collaborative Connections for Earth System Science schanged Information Systems Technology timospheric Composition: Laboratory Research	37 88 50	12 18	32% 20% 32% 32%	Earth Science Earth Science	10	
	Atmospheric Composition: Laboratory Research Zerbon Monitoring System Zomputational Modeling Aborithms and Cyberinfrastructure Zerbon Science Applications: Disasters	62 54	16 18 8	29% 15%	Earth Science Earth Science		
		65 65 46	17 12 17	26% 18% 37%	Earth Science Earth Science	Ē	
2011	Earth Science Applications: Wildland Fires SNSS Remote Sensing Science Team furnicane Science Research Program	21 50	9	37% 43% 22%	Earth Science Earth Science Earth Science Earth Science		
2011 I 2011 I	tyspiRI Preparatory Airborne Activities and Associated Science ceBridge ceSAT2 Science Definition Team	49 33 35	14 9 16	29% 27% 46%	Earth Science Earth Science		
2011 I 2011 I 2011 I	moacts of Climate Variability and Chance on NASA Centers and Facilities interdisciplinary Research in Earth Science and Cover/L and Use Change Step-1	11 51 90	6 9 26	55% 18% 29%	Earth Science Earth Science Earth Science		
2011 L 2011 I	and CoverLand Use Chance Stee-2 lew (Early Career) Investigator Program in Earth Science Physical Oceanography	26 73	10 15	38% 21% 23%	Earth Science Earth Science Earth Science	88	the overall selection rate was 10/90 = 11%
2011 3	Satellite Calibration Interconsistency Studies Science Definition Team for the DESDvnl-Radar Mission	41	11 15	27% 39%	Earth Science Earth Science		
2011 3	Science Team for the OCO-2 Mission SERVIR Applied Sciences Team Space Archaeology	58 17	24 11 6	80% 19% 35%	Earth Science Earth Science		
2011	errestrial Ecology	107 145 23	16 29 9	15% 20% 39%	Earth Science Heliophysics Heliophysics	230 144 79	Final selection made in late May 2012 The average award amount is somewhat more complicated than implied: the average for the three
2011 H	telicohysics Data Emironment Enhancements telicohysics Guest Investicators Program (Geospace) telicohysics Guest Investicators Program (Self Inniv)	80 91	10	39% 13% 13%	Heliophysics Heliophysics	122	

Page 6 of 9

2011	ivino With a Star Taroeted Research and Technology Astrobiology Science and Technology for Exploring Planets (ASTEP) Astrobiology Science and Technology Instrument Development (ASTID)	122 23 37	31 2 7	9% 19%	Heliophysics Planetary Science Planetary Science	292	Coe of the two awards was not full funding.
2011 2011 2011 2011	Astrocinology: Exporatogy and Evolutionary Biology Zassin Data Analysis Cosmochemistry RAIL Guest Scientist Program Shoratory Analysis of Returned Samples	161 92 80 24 17	28 18 27 9 5	34%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	187 89 154 65	including 2 partial selections, 4 plot studies. 82 proposals from US institutions. 8 of the 18 selected included Participating Scientist (PS) awards as well. PIME proposal not included, 27 full selects, 2 partial bridge funding awards not included in selected column.
2011	.unar Advanced Science and Exploration Research Mars Data Analysis Mars Fundamental Research (MFRP) Mon and Mars Analon Mission Activities (MMAMA)	123 98 128 32 33	26 21 20 5	16% 16%	Planetary Science Planetary Science Planetary Science Planetary Science	117 105 93 42	
2011 2011 2011	Near Earth Obiect Observations (NEOO) Discontinuo of Solar Svatems (Planetarvi Duter Planets Research Janetary Astronomy (PAST) Janetary Astronomy (PAST)	103 131 60 106	20 27 14 23	19% 21% 23%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	114	Also one partial (1 Yr) selection not included. This is actually out of 61 proposals because I took on one
2011	Planetary Almosoheres (PATM) Planetary Geoty and Geophysics (PGG) Planetary Instrument Definition and Development Planetary Mission Data Analysis Planetary Mission Data Analysis Planetary Protection Research sterophysics Data Analysis	128 91 45	31 11 12 3	12%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	98 273 107	Average award size does not include Carto, NESSF, ECF, etc. Also 6 seed or bridge awards In addition to the 3 full selections (one for three years in duration, two for four years in duration) two more
2010 2010 2010	histroohvsics Research and Analysis Astroohvsics Theory Program Ferni Guest Investigator – Cycle 4	19 186 166 193 208	66 39 33 87	23% 17% 42%	Astrophysics Astrophysics Astrophysics	86	This refers to proposals, not investigations suborbital projects may be split
2010 2010 2010	Kepler Suest Observer - Civole 3 (sepler Participatino Scienists 2 (Members of the Euclid Science Team Drigins of Solar Systems (Astro) Strateric Astronywirs Technology	40 30 2 36 59	12 0 6	40% 0% 17%	Astrophysics Astrophysics Astrophysics Astrophysics Astrophysics	109	Success rate by dollars awarded/requested = \$1.0M\$2.75M = 36%
2010 2010 2010 2010	Strateoic Astrochesics Technology Suzaku Guest Disener - Cvcle 6 Swift Guest Investigator - Cycle 7 Decorumities in Education and Public Cutreach for Earth and Scace Science EPO Sucolemental Education Awards for ROSES Investigators I	91 168 92 17	40 39 22 6	23% 24% 35%	Astrophysics Astrophysics Cross division Cross division	20	Notified on 28 February 2011 101 days after due date (by costino the tarcet list on the Suzaku web cace) of proposals were selected (for time) out of a total of 182 submitted, which represents -34% success rate, lindicates the Sect 2010 due date.
2010 2010	Supplemental Education Awards for ROSES Investigators II Supplemental Outreach Awards for ROSES Investigators I Supplemental Outreach Awards for ROSES Investigators II	16 12 12 28 99	5 6 6 12	50% 50%	Cross division Cross division Cross division Earth Science Earth Science		Il indicates the March 2011 due date Il indicates the Sept 2010 due date Il indicates the Sept 2010 due date Il indicates the March 2011 due date One was non comoliant so it was 15/98 viable proposals
2010	Acceleration Operational Use of Research Data Mykanead Component Technology (ACT) Mynascheric Composition: Aura Science Team Mynascheric Composition: Aura Science Team Mynascheric Composition: Modelina and Analysis Zathon Cycle Science Zathon Mynascheric System	44 59 139 24	27 18 34 16	61% 31% 24%	Earth Science Earth Science Earth Science Earth Science		Crief was not continued and it was 12-90 Value unbuckets
2010	Zahon Monitoring System LARREG Science Team Limste and Biological Response. Research and Applications Prososheric Science anth Science Applications Passability Studies: Public Health anth Science Applications Passability Studies: Public Health	21 152 47 24	11 15 16 9	10% 34% 38%	Earth Science Earth Science Earth Science Earth Science		
2010	arth Scence U.S. Participating Investigator arth Surface and Interior arth Suystem Data Records Uncertainty Analysis Beodesiz Beodesiz Beodesiz Inadina	16 39 41 20	20 21 15	38% 51% 51% 75%	Earth Science Earth Science Earth Science Earth Science		
2010 2010 2010 2010	rivsolki Preparatory Activities Using Existing Imagery naturnent Incubator and Coveril and Use Change Modeling, Analysis, and Prediction	19 83 49 15	5 16 7 6	19% 14% 40%	Earth Science Earth Science Earth Science Earth Science		The selection rate is for all crossess. There were only 25 step-2 crossals so the selection rate for step-2
2010 2010 2010	NASA Energy and Water Cycle Study WPP Science Team for Climate Data Records Desan Salinity Field Campaign	96 71 18 32 117	18 34 7 11	19% 48% 39% 34%	Earth Science Earth Science Earth Science Earth Science		
2010 2010 2010 2010 2010	Coest Sulfirty Science Team Counting Regional Study (SEAC4RS sepsoaces Science legislated Science telepotrysics Data Environment Enhancements telepotrysics Theory Lung With a Star Targeted Research and Technology	119 18 32	66 25 10 10 31	56% 21% 56% 31% 22%	Earth Science Heliophysics Heliophysics Heliophysics Heliophysics	132 68 369	Ava new award in program year 1: LCAS = 220 K: DP = N/A and Req = 124 K
2010	Solar and Heliosoberic Physics Austrobioloxy Science and Technoloxy for Exolorino Planes (ASTEP) strobioloxy Science and Technoloxy Instrument Development (ASTID) strobioloxy Exobioloxy and Evolutionary Bioloxy assini Data Analysis	141 175 37 42 159	31 30 5 8 31	14% 19% 19%	Heliophysics Planetary Science Planetary Science Planetary Science	959 279 160	Ava new award in program year 1: LCAS = 326 K: DP = 171 and Rea = 125 K 137 proposals received. 1 declared non-compliant and returned. 136 reviewed: 32 fully selected. 6 partially.
2010	Josmochemistry n-Space Propulsion	79 60 12 20	16 24 3 9	40% 25%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science		Triace letters sent after 140 days. Final Letters sent after 290 days. Selectables remain cending budget. PME proposal not included. 24 full selects, 6 parial bridge funding awards not included in selected column. Each for a \$250K, 6 month Phase I study effort "with the possibility to continue via down-select to Phase II.
2010 2010 2010	aboration Analysis of Returned Samoles umar Advanced Science and Ecologration Research fars Data Analysis fars Fundamental Research (MFRP) foon and Mars Analoo Mission Activities (MMAMA) MSL Participating Scientists Procur	121 95 128 16 148	24 25 6 29	20% 38%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	132 95 112 58	Plus two partial selections
2010 2010 2010 2010	lear ratin Genera Gozensensons i nec (CO) highs of Solar Systems (Planetary) Duter Planets Research Planetary Astronomy (PAST)	15 93 123 45	0 17 29 10	0% 18% 24%	Planetary Science Planetary Science Planetary Science Planetary Science	80 102 89	We were hooking to be able to fund with the anticipated plus-up to the NECO geogram but we were under a Core bill PME not included here. Timpe letters sent after 140 days. final letters sent after 290 days. only 9 full one was a partial (one year) award.
	Planetary Atmoschees, PATM Planetary Geotory and Geochrysics (PGG) Planetary instrument Definition and Development Planetary Instrument Definition and Development Planetary Protection Data Analysis Planetary Protection Research storphysics Data Analysis	93 106 96 18	25 30 11 6	27% 28% 11% 33% 25%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	107 98 269 80 160	Max thinks that there were 9 additional cartial selections this year
2009 2009 2009	Astrophysics Research and Analysis Astrophysics Theory Program	165 143 200 182	73 45 37 77	31% 19% 42%	Astrophysics Astrophysics Astrophysics Astrophysics		This refers to proposals, not investigations suborbital projects may be split 36 selected 10/21/2009. Addnl selection 2/23/2010
2009 2009 2009 2009	SALEX Guest investigator – Cycle 6 (epjer Guest Observer – Cycle 2 MOST U.S. Guest Observer – Cycle 2 Drigns of Solar Systems (Astro)	81 54 12 30	33 27 4 9	41% 50% 33% 30%	Astrophysics Astrophysics Astrophysics Astrophysics	93	
2009 2009 2009	SPICA Science Investigation Concept Studies Suzaku Guest Observer – Ozole 5 Swift Guest Investigator – Ozole 5 Swift Guest Investigator – Ozole 6 Technology Development for Expolaret Missions Doordunlise in Education and Public Outreach for Earth and Space Science EPO	88 169 34 103	48 56 7 27	33% 21%	Astrophysics Astrophysics Astrophysics Astrophysics Cross division		
2009 2009 2009 2009	Supplemental Education Awards for ROSES Investigators I Supplemental Education Awards for ROSES Investigators II Supplemental Outreach Awards for ROSES Investigators I Supplemental Outreach Awards for ROSES Investigators II	10 10 9	7 7 6 6	70% 70% 67%	Cross division Cross division Cross division Cross division	21 17	
2009	ACCESS Advancing Collaborative Connections for Earth System Science Vir Qualify Apolled Sciences Team lithorne Instrument Technology Transition Nanoscheric CO2 Observations from States Atmoscheric CO2 Observations of Control States Atmoscheric CO2 Observations (Additional Properties of Prop	35 48 31 15 26	11 19 7 7	40% 23% 47%	Earth Science Earth Science Earth Science Earth Science Earth Science		
2009 2009 2009	Atmosohene Composition: Modeling and Analysis CloudSat and CALIPSO Science Team Recompete Earth Science for Decision Making: Gulf of Mexico Region SSP Venture-class Science Investigations: Earth Venture-1	77 83 54 35	18 33 13 5	23% 40% 24%	Earth Science Earth Science Earth Science Earth Science Earth Science		
	Slory Science Team turticane Field Experiment tyzo IRI Precentation Activities Usina Existina Imagery cellifidae cellifidae Support for 2010 Activities	30 26 28 44	14 11 6 22	50%	Earth Science Earth Science Earth Science Earth Science		
2009 2009	zeterolos: support research in cavities and Cover/Land Use Chance kew (Early Career) Investigator Program in Earth Science Dean Biology and Biogeochemistry	112 62 71 34	25 9 18 8	15% 25% 24%	Earth Science Earth Science Earth Science Earth Science Earth Science		
2009 2009 2009	Ocean Vector Winds Science Team Physical Oceanography Precipitation Science Precipitation Science	38 32 126 112	20 12 58 20	53% 38% 46%	Earth Science Earth Science Earth Science Earth Science		
2009	Seminate semination tributions Some Archaeological Socience with ICEarth Sciencest and CryoSat-2 errefracth Science with ICEarth Sciencest and CryoSat-2 ferrefracth Sciencestrial Ecology the Science of Terra and Aqua Jacuses and Consequences of Solar Cycle 24 CCMSC Jacuses and Consequences of Solar Cycle 24 CCMSC	37 64 325 56	15 12 87 15	19% 27%	Earth Science Earth Science Earth Science Earth Science Heliophysics	109	
2009 2009 2009 2009	Jausses and Consequences or the Minimum of Solar Cycle 24 Boospace Science - lelicohvsics Data Emironment Enhancements - lelicohvsics Cuest Investigators Program (Geospace)	58 70 18 74	15 16 11 14	26% 23% 61% 19%	Heliophysics Heliophysics Heliophysics Heliophysics	150 67 114	Avo new award in program year 1: LCAS = 359 K: IDP = 147 K and Reg = 121 K
2009	Heliophysics Guest Investigators Program (S&H only) Juling With a Star Targeted Research and Technology Solar and Heliopsotheric Physics sterobiology: Exobiology and Evolutionary Biology Targetin Data Analysis Agents Data Analysis	66 137 120 136 80	15 31 20 40 23	17% 29%	Heliophysics Heliophysics Heliophysics Planetary Science	103 129 155	Avo new award in orogram year 1: LCAS = 330 K: DP = 220 K and Reg = 113 K 137 proposals received. 1 declared non-compliant and returned. 136 reviewed; 32 fully selected, 6 partially
2009 2009 2009 2009	Zassini Data Analvais Zosmochemistry Dawn at Vesta Participating Scientists abonatory Analvais of Returned Samples unar Advanced Science and Extoration Research	62 60 21 96	29 18 12 31	30% 57% 32%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	148 62 215 104	
2009 2009 2009	Mars Dala Analysis Mars Fundamental Research (MFRP) doon and Mars Analoa Mission Activities (MMAMA) tear Earth Chies Observations (NEOO) Choirin of Solar Systems (Planetary)	96 105 131 NA 21	39 26 NA 11	37% 20% NA	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	102 96	Not Solicited in ROSES 2009
2009 2009 2009	Dicinis of Solar Svatems (Planetarv) Duther Planets Research Planetary Astronomy (PAST) Planetary Astroscheres (PATM) Planetary Atmoscheres (PATM) Planetary Geology and Geophysics (PGG)	101 128 35 96 114	25 10 25 36	20%	Planetary Science Planetary Science Planetary Science Planetary Science Planetary Science	97 86 105 97 78	
2009 2009 2009 2008	Planetary Instrument Definition and Development Planetary Mission Data Analysis Planetary Protection Research Astrophysics Data Analysis	110 41 10 95	15 15 6 34	14% 37% 60%	Planetary Science Planetary Science Planetary Science Astrophysics	258 89 137	Letters sent 10/20
2008	Astrophysics Research and Analysis Astrophysics Theory Program Fermi Guest Investigator - Cycle 2 ALEX Quest Investigator - Cycle 5 Geoler Guest Diseaser - Cycle 1	137 177 198 70	37 39 81 37	41%	Astrophysics Astrophysics Astrophysics Astrophysics Astrophysics	267 111	Total oncosed = 134 if you include Co-I crososals. 125 indecendent investisations crososed. 28 fully- emails selecting 30 on 102/708 and nine additional selections were made in Feb. 2009 There is one froing reprosal. 3400xxxx proposal. 1300 kexc selected. Throw were to foreign Pls.
2008 2008 2008 2008	MOST U.S. Guest Observer - Cvcle 1 Suzaku Guest Observer - Cvcle 4 Swift Guest Investigator - Cvcle 5 Annised Information Systems Research	12 99 154 110	4 34 57 12	33% 34% 37% 11%	Astrophysics Astrophysics Astrophysics Cross division		1 grant at 135 K, a bunch of grants at 38 and a few at 25 K and some smaller ones and 13 unfunded foreign email sent March 27, 2009. Official letters went out 4/10/2009.
2008 2008 2008	Opportunities in Science Mission Directorate Education and Public Outreach Diricins of Solar Systems Succlemental Education I (Dec 08 due date) Succlemental Education I (I Abril 09 due date) Supplemental Outreach I (Dec 08 due date)	74 94 16 15	18 31 6 5	24% 33%	Cross division Cross division Cross division Cross division	132	
2008 2008 2008 2008	supplemental Cutreach I (Dec 08 due date) Supolemental Cutreach I (April 09 due date) Advanced Component Technology (ACT) Advanced Information Systems Technology (AIST) Advanced Information Systems Technology (AIST) Atmospheric Composition, field: Surface, Balloon, and Airborne Observations	12 19 85 100 56	10 16 20 37	53% 19% 20% 66%	Cross division Cross division Earth Science Earth Science Earth Science		budgets under neopliation. ~ 1M each over three years A total dollar value over a three-year period of approximately \$25 million
2008 2008 2008 2008	Atmospheric Composition: Laboratory Research Biodiversity Carbon Cycle Science Chospheric Science	51 54 offerred this offerred this 142		37% 17%	Earth Science Earth Science Earth Science Earth Science		
2008 2008 2008	Decision Support through Earth Science Research Results Earth Science Applications Feasibility Studies Earth Science for Decision Making: Gulf of Mexico Region Earth Science U.S. Participating Investigator Earth Science U.S. Participating Investigator	142 80 69 16 118	36 31 35 6	38%	Earth Science Earth Science Earth Science Earth Science Earth Science		Initial selections announced: 4/24/2009, then addril selections 5/12/2009) Initial selections announced: 4/24/2009, then addril selections 5/12/2009) 28 selected in may. +9 more 8/2009
	Geospace Science furricane Science Research	51	17	25% 33%	Earth Science Earth Science		3 additional selections made 1/23/09

	CESat-II Science Definition Team Land Cover/Land Use Chance	38	14 18	37%	Earth Science Earth Science		14 of 38 SDT selected; 1 Team Leader selected on 9/18/08 Received. 66 steo1 proposals, out of which 48 proposals were invited to submit full proposals. Selected 18
2008	Modeling, Analysis, and Prediction NASA Energy and Water Cycle Study - Water Quality	158 16	52 4	33%	Earth Science Earth Science		
	Ocean Biolox and Bioseochemistry Ocean Salinity Science Team Physical Oceanography	41 26	15 12	46%	Earth Science Earth Science		initial selections 10/17/08 two more made 3/13
	SMAP Science Definition Team Terrestrial Ecology Geospace Science	44 77 96	14 20 26	32% 26% 27%	Earth Science Earth Science Heliophysics	146	Results for subelements 18.2 (Decadal Survey Mission Preparation and Scoping Studies) only 9 selected Avg new award in program year 1: LCAS = 483 K: IDP = 102 K and Reg = 119 K
	Guest Investigator Studies with C/NOFS Helicophysics Guest Investigators Program (Geospace) Helicophysics Guest Investigators Program (S&H only)	62 70	5 15 26	23% 24% 37%	Heliophysics Heliophysics Heliophysics	115 104	
2008	Living Wift a Star Targeted Research and Technology Living Wift a Star Targeted Research and Technology: Strategic Capability Solar and Heliosoberic Physics	105 4 131	34 2 35	32% 50%	Heliophysics Heliophysics Heliophysics		Avo new award in program year 1: LCAS = 621 K: IDP = 133 K and Reg = 115 K
2008	Solar Dynamics Observatory Science Center Astrobiology Science and Technology Instrument Development (ASTID) Astrobiology: Exabiology and Evolutionary Biology	8 72	2 8 28	25% 11%	Heliophysics Planetary Science Planetary Science	700 250 136	5 years each at 700 K/year
2008	Cassini Data Analysis Concept Studies for Human Tended Suborbital Science	61	22	36% 6%	Planetary Science Planetary Science	96 49 153	2 additional selections made in June 2009
	Cosmochemistry Jupiter Data Analysis Lunar Advanced Science and Exploration Research Lunar and Planetary Science U.S. Participating Investigator (SALMON H1)	40 27	14 11	46% 35% 41%	Planetary Science Planetary Science Planetary Science	101	5 selected doesn't inclue one in the selectable category. Grant sizes range from 50-259 K
2008	Mars Data Analysis Mars Fundamental Research (MERP)	17 88 94	32 21	29% 36% 22%	Planetary Science Planetary Science Planetary Science	86 109	Additional selection 8/12/09
2008	Moon and Mars Analog Mission Activities (IMMAMA) Near Earth Object Observations (NEOO) Digins of Solar Systems (Planetary) Duter Planets Research	38 15 73	11 5 19	29% 33% 26%	Planetary Science Planetary Science Planetary Science	325 101	Plus two partial selections PSD only
2008	Planetary Astronomy (PAS1)	110 46 81 114	24 18 32	22% 39% 40%	Planetary Science Planetary Science	112	Additional selections were made in Sect 09 and again in Nov. Some selectables may remain. 110 2 additional selections made in early Feb 2009 2 additional selections made in june 2009
	Planetary Almosoheres (PATM) Planetary Cedeov and Geophysics (PGG) Planetary Institument Definition and Development Planetary Mission Data Analysis Planetary Mission Research	114 95 28	30 16 11	26% 17% 39%	Planetary Science Planetary Science Planetary Science Planetary Science	116	2 additional selections made in June 2009 New awards in 2009 range from less than 50 to over 200 K
		5 28 100	2 15 49	40% 54% 49%	Planetary Science Planetary Science Astrophysics	120 245	
	Astrophysics Data Analysis Astrophysics Research and Analysis Astrophysics Statedic Mission Concept Studies Astrophysics Theory Program	151 43 184	41 19 37	44%	Astrophysics Astrophysics Astrophysics Astrophysics	680 112	Approximate, \$12 million total in FY 08 and 09, grants from \$250,000 to \$1 million
2007 2007	Astrochysics Theory Program FUSE Guest Investigator Cycle 9 FUSE Legacy Science Program SUSE Legacy Science Program	Cancelled Cancelled 100	Cancelled Cancelled 35	Cancelled	Astrophysics Astrophysics Astrophysics		Cancelled Cancelled
2007	SALEX Guest Investigator - Cycle 4 SLAST Cycle 1 Keoler Participating Scientists Suzaku Guest Observer - Cycle 3	167 37 120	44 8 79	26% 22%	Astrophysics Astrophysics Astrophysics		
2007	Swift Guest Investigator - Cycle 4 Applied Information Systems Research Origins of Solar Systems	144 Deferred 104	49 Deferred	34%	Astrophysics Cross division Cross division	87	Deferred
2007	Accelerating Operational Use of Research Data ACCESS Advancing Collaborative Connections for Earth System Science	16 31 35	6 10 5	38% 32%	Earth Science Earth Science Earth Science		budoets being negotiated two year awards
2007	Authorne Instrument Lechnology Transition Atmospheric Composition: Aura Science Team Atmospheric Composition: Science Advisory Group for the Glory Science Mission Carbon Cycle Science	76 12 113	39 12 35	51% 100%	Earth Science Earth Science Earth Science Earth Science	42	Selected 7/13/07 The average 3-year grant size is \$734K (year by year averages: Yr1-\$245K, Yr2-\$252K, Yr3-\$236K). The
2007	Cruospheric Science Decision Support through Earth Science Research Results	54 120	20 33	37% 28%	Earth Science Earth Science		The average 3-year grant size is \$734K (year by year averages: YF1-\$249K, Yf2-\$250K, Yf3-\$250K). The Budgets under negotiation. It is currently estimated that total funding for the selected investigations will total.
2007 2007 2007	earth Surface and Intenor Earth Scope: The InSAR and Geodetic Imaging Component Instrument Incubator Program	58 20 78 77	21 12 21	36% 60% 27%	Earth Science Earth Science Earth Science Earth Science	1049	6 Million total over the life of the awards
2007 2007 2007	Land-CoveriLand-Use Chance NASA Energy and Water Cycle Study New /Early Career) Investigator Program in Earth Science	77 48 78	17 10 18	21% 23%	Earth Science Earth Science		
2007 2007 2007	Deean Biology and Biogeochemistry Deean Surface Topography Science Team Physical Oceanography	60 37	27 11	45% 30%	Earth Science Earth Science		
2007	Space Archaeology Terrestrial Ecology Terrestrial Hydrology	17 59 49	7 10 9	41% 17% 18%	Earth Science Earth Science Earth Science		265 total over the duration of the grant
2007	Troposphenc Chemistry: Arctic Research of the Composition of the Troposphere to Wind Lidar Science Seospace Science	73 13 85	41 5 32	56% 38%	Earth Science Earth Science Heliophysics	150 158	Avo new award in program year 1 for Geospace SR&t is 158 but it breaks out as follows: LCAS = 448 K: IDP
2007	Heliophysics Guest Investigators Program (Geospace)	64 80 25	20 29 10	36%	Heliophysics Heliophysics Heliophysics	120 121 431	Ava new award in program wear 1 for Geospace SR&I is 158 but it breaks out as follows: LCAS = 448 K.IDP This number is approximate. Average was 116 to 784 portion (not Geospace) solar only. The averages of awards for PY2009 and 2010 are \$436K.
2007 2007 2007	Helicohysics Theory Living With a Star Space Environment Testbeds Living With a Star Starce Environment Testbeds Living With a Star Targeted Research and Technology Living with a Star Targeted Research and Technology. Strategic Capability	Cancelled 163 Deferred	Cancelled 51 Deferred	Cancelled 31%	Heliophysics Heliophysics	110	Cancelled Deferred
2007	Solar and Heliospheric Physics Virtual Observatories for Heliophysics Data	28	28 18 7	36% 64%	Heliophysics Heliophysics	94	Avo new award in program year 1 for SHP SR&T is 191 but it breaks out as follows: LCAS = 490 K: IDP = Approved amounts were \$1,695k, \$1,537k & \$1,267k in FY9, 10, & 11 respectively.
2007	Astrobiology Science and Technology for Exploring Planets (ASTEP) Astrobiology Science and Technology Instrument Development (ASTID) Astrobiology: Expibiology and Evolutionary Biology Capetin Part Anglorie Capetin Part Anglorie	54 97 113	17 33 41		Planetary Science Planetary Science Planetary Science	167	but the average clanned per year awarded amount integrated over all four years is ~ 120 K. Average Duration of Awards: 3.25 years Avo of 471 K total if funded for all three years as budgeted.
	Cassini Data Analysis Cosmochemistry Discovery and Scout Mission Capabilities Expansion Discovery Data Analysis	58 40 30	27 9 15	47% 23% 50%	Planetary Science Planetary Science Planetary Science Planetary Science	260	Does not include PME, \$4.151 M in new awards, \$14.4 M total awarded in 2007 Program officer notes that \$2,051,942 was total for an average of \$136,796 per award. "This is a little high
	Discovery Data Analysis Fellowshios for Early Career Researchers Fellowshios for Early Career Researchers IPO Participating Scientists	56	24		Planetary Science Planetary Science Planetary Science Planetary Science	76	Trogram critical trials \$4,001,542, was total for an artirage of \$100,150 per tartals. This is a macing in
	RO Participating Scientists Lunar Advanced Science and Exploration Research Mars Data Analysis Mars Endangeral Research (MEDD)	162 78 101	43 33 40	27% 42%	Planetary Science	109 96	5 address alaction latters want out 3/28/08
2007	Mars Fundamental Research (MFRP) Mars Instrument Development Project Moon and Mars Analog Mission Activities (IMMAMA) Near Earth Object Observations (NEOO)	63 21 18	7 11	11% 52% 17%	Planetary Science Planetary Science Planetary Science Planetary Science		5 addni selection letters went our 3/28/08 4 remain selectable. The 7 awards are worth a total of \$9.2M over three years, with an average of \$450,000 364 is the average for all awards old and new
2007	Outer Planets Research Planetary Astronomy (PAST)	120 61	44 34	37% 56%	Planetary Science Planetary Science Planetary Science	85	304 is use average or all awards on 2/8/2009, binging the total up to 44/120. These were the "geochysics 103 is the average for all awards old and new
2007 2007 2007	Planetary Atmospheres (PATM) Planetary Geoloov and Geophysics (PGG) Planetary Instrument Definition and Development Planetary Protection Research	120 115 13	40 15	33% 13%	Planetary Science Planetary Science Planetary Science Planetary Science	97 247	The start of 2 awards delayed until Year 2 Total value of the selected proposals ~ 2.6 M
2007	Frantian's Projection Residential Samole Return Laboratory Instruments and Data Analysis Astrophysics Data Analysis Astrophysics Research and Analysis	10 99 143	7 35	70% 35%	Planetary Science Astrophysics Astrophysics	366	Total value to the semicate proposals = 2.0 m
2006 2006	Astrophysics Research and Analysis Astrophysics Research and Analysis Astrophysics Theory Program Beyond Einstein Foundation Science	179 118	55 20	31% 17%	Astrophysics Astrophysics Astrophysics	298 99 135	There were two versions of this in ROSES-2006
2006 2006	FUSE Guest Investigator Cvcle 8 GALEX Guest Investigator Cvcle 3	56 108 76	12 68 32	63% 42%	Astrophysics Astrophysics	133	
2006	Oriains of Solar Systems (Astro) Suzaku Guest Observer - Cycle 2 Swift Guest Investigator - Cycle 3	20 156 88 160	9 81 45	52% 51%	Astrophysics Astrophysics Astrophysics	28	(US Pts only)
2006	Apolied Information Systems Research Conceet Studies for Lunar Sortie Science Occortunities History of Scientific Exploration of Earth and Space	77 41	14 12	18% 29%	Cross division Cross division Cross division	100	
2006	Opportunities in Science Mission Directorate Education and Public Outreach Advancing Collaborative Connections for Earth System Science (ACCESS) Atmospheric Composition: Modeling and Analysis	14 64	2 13	14% 20%	Cross division Earth Science Earth Science	138	Selected 10/30/06 The average grant size is: \$137878, \$146822, \$144376, per year for the next three years For ROSES06
2006 2006	Atmospheric Composition: Research and Modelino-A (Ground Net.) Atmospheric Composition: Research and Modelino-B Atmospheric Composition: Tropical Composition. Cloud. and Climate Coupling Ext	19 51 79	6 20 56 125	32% 39% 71%	Earth Science Earth Science Earth Science	833 214	Selected 12/8/06 Selected 2/7/07. First year funding
2006 2006 2006	Earth Svistem Science Research using Data and Products from TERRA, AQUA an SNSS Remote Sensing Science Team Interdisciplinary Research in Earth Science	322 18 127	125 7 33	39%	Earth Science Earth Science Earth Science	200	approximate Selected 12/8/06
2006 2006 2006	international Polar Year International Polar Year Education and Public Outreach Making Earth System data records for Use in Research Environment	93 24 86	34 9 29	37% 38% 34%	Earth Science Earth Science	176	Selected 5/17/07 Selected 5/17/07. Second year funding
2006 2006	Deean Biology and Biogeochemistry Precipitation Science Recompetition of the GRACE Science Team	28 127 32	12 55 22	43% 69%	Earth Science Earth Science Earth Science	183 145 136	Selected 6/4/07 Selected 10/30/06
2006	Seosoace Science Heliophysics Guest Investigators Heliophysics Guest Investigators International Heliophysical Year Research	94 92 96	24 26 25	26%	Heliophysics Heliophysics Heliophysics		geospace only solar only
	International Helicohvaical Year Research Living With a Star Targeted Research and Technology Living with a Star Targeted Research and Technology: Strategic Capability Solar and Heliospheric Physics	29 150 7	9 42 1	14%	Heliophysics Heliophysics Heliophysics		
2006	Virtual Observatories for Heliophysics Data Astrobiology, Exphiology and Explutionary Biology	118 33 103	33 13 23	28% 39% 22%	Heliophysics Planetary Science	82 117	82 is approximate. Approved amounts were 1.069k in FY 08 \$ 396k in FY 09 and \$ 358k in FY 10
2006	Cassini Data Analysis	71 75 41	27 36 24	38% 48% 59%	Planetary Science Planetary Science	95 127 92	
	Discovery Data Analysis Mars Data Analysis Mars Fundamental Research (MFRP) Mars Reconnaissance Orbitet Participating Scientists	100 126 71	23 35 17	23% 28% 24%	Planetary Science Planetary Science Planetary Science Planetary Science	83 89 42	
2006	Mars Reconnaissance Orbiter Participating Scientists MESSENGER Mission Participating Scientists Near Earth Object Observations (NEOO) Origins of Solar Systems (Planetary)	52 14 73	23 5 25	44%	Planetary Science Planetary Science Planetary Science	50 344 62	
2006 2006 2006	Outer Planets Research Planetary Astronomy (PAST) Planetary Annoscheres (PATM)	51 52 63	13 19 21	25% 37% 33%	Planetary Science Planetary Science Planetary Science	98 79 108	
2006 2006	Planetary Geology and Geophysics (PGG) Planetary Instrument Definition and Development Planetary Instrument Definition and Development	99 104 22	48 18 4	33% 48% 17% 18%	Planetary Science Planetary Science Planetary Science Planetary Science	108 67 231 130	
2006	Planetary Protection Research Samole Return Laboratory Instruments and Data Analysis Stardust Samole Analysis Astro E2/Suzaku Guest Observer – Cycle 1 Resolicitation	18 30 158	6 22	33% 73%	Planetary Science Planetary Science Planetary Science Astrophysics	130 472 107	
2005 2005	Astrophysics Research and Analysis Astrophysics Theory Program	160 128	45 20	28% 16%	Astrophysics Astrophysics	89	
2005	Bevond Einstein Foundation Science Concept Studies for the Joint Dark Energy Mission FUSE Guest Investigator — Cycle 7	54 6 81 64	6 3 49 25	50% 60%	Astrophysics Astrophysics	118	
2005 2005 2005	GALEX Guest Investigator — Cvcle 2 Rossi X-ray Timing Explorer Guest Observer — Cycle 11 Swift Guest Investigator — Cvcle 2	64 131 67	25 59 33	45% 49%	Astrophysics Astrophysics Astrophysics		
2005	Terrestrial Planet Finder / Foundation Science Terrestrial Planet Finder Coronagraph / Instrument Concept Studies Applied Information Systems Research	25 13 174 100	5 33	38% 19%	Astrophysics Astrophysics Cross division		
2005 2005 2005	Interdisciptinary Exploration Science Origins of Solar Systems Advanced Component Technology	100 98 92	3 31 14	3% 32% 15%	Cross division Cross division Earth Science	66	
	Advanced Information Systems Technology Advancian Collaborative Connections for Earth-Sun System Science Atmospheric Composition- A (Ozone Monitorina Instrument: OMI) Atmospheric Composition- B (Kinetics)	99 50 12	28 16 8	32% 67%	Earth Science Earth Science Earth Science	194 113	Selected 8/21/06 Selected 10/14/05 Selected 3/31/06
2005	Atmospheric Composition- C CloudSat and CALIPSO Science Team and Modeling/Analysis of A-Train Related I	23 67 120	16 30 40	70% 45% 33%	Earth Science Earth Science	188 110 150	Selected 11/14/05 Selected 3/31/06 Selected 5/22/07
2005	Decision Support through Earth-Sun Science Research Results Earth Surface and Interior	94 71 71	33 35 19	49%	Earth Science Earth Science Earth Science	N/A 86	Selected 4/7/06 Selected 8/1/07 Selected 4/17/06
2005 2005	coc Cloud and Land Elevation Satellite (ICESat) and Cryosat Land Cover/Land Use Change (LCLUC) Large Scale Biosphere-Atmosphere Experiment in Amazonia (LBA)	83 37	14 22	27% 17% 59%	Earth Science Earth Science	143 286	Selected 4/17/06 Selected 1/14/06. 83 Step-2 proposals were submitted, there were 173 Step-1. Selected 9/1/05

Page 8 of 9

2005	NASA African Monsoon Multidisciplinary Activities (NAMMA)	49	23	47%	Earth Science	96	Selected 3/31/06. The award amount is the average over 3 years Jack Kave notes higher at start, then
2005	NASA Energy and Water Cycle Study (NEWS) New (Early Career) Investigator Program in Earth Science	50 84	5 25	10%	Earth Science Earth Science	200	Selected 12/29/06 Selected 5/8/06
2005	North American Carbon Program	79	12	15%	Earth Science	225	Selected 6/29/06.
2005	Ocean Biology and Biogeochemistry Ocean Vector Winds Science Team	57 57	22	32% 39%	Earth Science Earth Science	243	Selected 4/7/06 Selected 4/4/06
2005	Remote Sensing Science for Carbon and Climate Terrestrial Ecology and Biodiversity	44 34	10	23%	Earth Science Earth Science	180	Selected 4/4/06 Selected 4/17/06
2005	Terrestrial Hydrology	59	12	20%	Earth Science	125	Selected 5/1/07
	Geospace Science Living With a Star Targeted Research and Technology	156 163	27 51	17% 31%	Heliophysics Heliophysics		
2005	Living With a Star Targeted Research and Technology: NASA/NSF Partnership for	18 18	6	33%	Heliophysics		
2005	Magnetospheric Multiscale Mission Interdisciplinary Science Teams Solar and Heliospheric Physics	150	18	12%	Heliophysics Heliophysics		
2005	Virtual Observatories for Solar and Space Physics Data	17 24	11 16	65%	Heliophysics	48	Funds sent out in FY 08 & 09 were \$1.952k & \$1.376k respectively
2005	2001 Mars Odyssev Participating Scientists Astrobiology Science and Technology for Exploring Planets (ASTEP)	88	0		Planetary Science		
2005	Astrobiology Science and Technology Instrument Development (ASTID) Astrobiology: Exobiology and Evolutionary Biology	88 160	0 28	0% 18%	Planetary Science Planetary Science	N/A 133	
2005 2005	Cosmochemistry Discovery Data Analysis	84	43 14	51% 67%	Planetary Science Planetary Science	130	
2005	Mars Data Analysis	21 96	27		Planetary Science	67	
2005	Mars Exploration Rovers (MER) Participating Scientists Mars Fundamental Research (MFRP)	120	37	23% 31%	Planetary Science Planetary Science	90 80	
2005	Near Earth Object Observations (NEOO) Outer Planets Research	10 81	5		Planetary Science	257 81	
2005	Planetary Astronomy (PAST)	38	23	61%	Planetary Science	89	
2005	Planetary Atmospheres (PATM) Planetary Geology and Geophysics (PGG)	84 121	29 58	35% 48%	Planetary Science Planetary Science	104 67	
2005	Planetary Instrument Definition and Development Planetary Protection Research	100 11	10	10%	Planetary Science	234 130	
2005	Sample Return Laboratory Instruments and Data Analysis	12	6	50%	Planetary Science	266	
	Astrophysics Data Analysis Astrophysics Research and Analysis	84 163	23 69	27% 42%	Astrophysics Astrophysics		
2004	Astrophysics Theory Program	111 69	22	20%	Astrophysics	103 117	
2004	Beyond Einstein Foundation Science FUSE Guest Investigator - Cycle 6	143	45	23% 31%	Astrophysics Astrophysics	117	
	GALEX Guest Investigator Cycle 1 INTEGRAL	101	53		Astrophysics Astrophysics		
	Long-Term Space Astrophysics	88	19	22%	Astrophysics		
2004	Origins Science Mission Concept Studies RXTE Guest Investigator - Cycle 10	26 150	9 69		Astrophysics Astrophysics		
2004	Terrestrial Planet Finder Foundation Science New Millennium Space Technology 9	15	4	27% 30%	Astrophysics Cross division		
2004	New Millennium Space Technology 9 Carbon Cycle Science EARTH SCIENCE OUTREACH INVESTIGATOR AWARDS	303	59	19%	Earth Science		
2004	INSPIRING THE NEXT GENERATION OF FARTH EXPLORERS: INTEGRATED SE	24 146	33	8% 23%	Earth Science Earth Science		
2004	Instrument Incubator Program	83 225	23 65	28%	Earth Science Earth Science		
2004	Modeling, Analysis and Prediction Climate Variability and Change NASA Energy & Water Cycle Step-2	196	33	17%	Earth Science		
2004	Oceans & Ice Tropical Cloud Systems and Processes	293 198	53 25	18% 13%	Earth Science Earth Science		
2004	Geospace Science	121	41	34%	Heliophysics		
2004	Living With a Star Targeted Research and Technology SEC Guest Investigator	172	49 64	33% 37%	Heliophysics Heliophysics		
2004	SEC Theory Solar and Heliospheric Physics	26 150	9 51	35% 34%	Heliophysics Heliophysics		
2004	Astrobiology Science and Technology for Exploring Planets (ASTEP)	39 91	6	23%	Planetary Science	682	
2004	Astrobiology Science and Technology Instrument Development (ASTID) Astrobiology: Exobiology and Evolutionary Biology	91 130	9 51	10% 39%	Planetary Science Planetary Science	296 134	
2004	Cosmochemistry Critical Issues in Electric Propulsion	69	51 36		Planetary Science Planetary Science	121	
2004	Discovery Data Analysis	15	12	80%	Planetary Science		
2004	Hyabusa Participating Scientists In-Space Propulsion - Cycle 3	3 12	1	33% 8%	Planetary Science Planetary	44 600	
2004	Mars Data Analysis	108	45	42%	Planetary Science	69	
2004	Mars Fundamental Research (MFRP) Near Earth Object Observations (NEOO)	6	5	83%	Planetary Science Planetary Science	75 317	
2004	Origins of Solar Systems (Planetary) Outer Planets Research	92 166	39 54	42% 33%	Planetary Science Planetary Science	69 87	
2004	Planetary Astronomy (PAST) Planetary Atmospheres (PATM)	41 75	29 43	71%	Planetary Science	74 85	
2004	Planetary Geology and Geophysics (PGG)	117	73	62%	Planetary Science	87	
2004	Planetary Instrument Definition and Development Planetary Protection Research	66 10	11	17% 40%	Planetary Science Planetary Science	201	
2004	Sample Return Laboratory Instruments and Data Analysis	17 24	7 18	41%	Planetary Science	289	
2004	Stardust Participating Scientists Venus Express	13	9	69%	Planetary Science Planetary Science	67	
2003	Astrophysics Data Analysis Astrophysics Research and Analysis	111	31 51	28% 38%	Astrophysics Astrophysics		
2003	Astroniviscs Theory Program Einstein Probes	133	32 10		Astrophysics		
2003	FUSE Guest Investigator - Cycle 5	168	62	37%	Astrophysics Astrophysics		
2003	Long Term Astrophysics Swift Guest Investigator - Cycle 1	94 63	17 35	18% 56%	Astrophysics Astrophysics		
2003	Terrestrial Planet Finder	45	16		Astrophysics		
	Space Science Vision Missions Earth System Science Research using Data and Products from TERRA, AQUA an	27 566	15 199		Cross division Earth Science		
2003	Interdisciplinary Science in the NASA Earth Science Enterprise New (Early Career) Investigator Program in Earth Science	346 126	60 31	17% 25%	Earth Science		
2003	The Ocean Surface Topography Science Team (OST/ST)	80	43	54%	Earth Science		
2003	Advanced Information Systems Research Geospace Sciences LCAS	123 27	33 11	41%	Heliophysics Heliophysics		
2003	Geospace Sciences SR&T Living With a Star Targeted Research and Technology	95 187	24 52	25%	Heliophysics Heliophysics		
2003	SEC Guest Investigators	82	33	40%	Heliophysics		
2003	Solar and Heliospheric Physics Advanced Electric Propulsion	119 9	25 2	21% 22%	Heliophysics Planetary Science	-	
2003	Astrobiology Science and Technology for Exploring Planets (ASTEP)	35 47	10	29%	Planetary Science		
2003	Astrobiology Science and Technology Instrument Development (ASTID) Astrobiology: Expbiology and Evolutionary Biology	105	20 44	42%	Planetary Science Planetary Science		
	Cosmochemistry Discovery Data Analysis	66 25	36 16	55%	Planetary Science Planetary Science	140	
2003	High Capability Instruments for Planetary Exploration	29 85	11 37	38%	Planetary Science		
2003	Mars Data Analysis Mars Exploration Advanced Technologies	131	60	44% 46% 47%	Planetary Science Planetary Science		
2003	Near Earth Object Observations (NEOO) Origins of Solar Systems (Planetary)	15 85	7	47%	Planetary Science Planetary Science		
2003	Planetary Astronomy (PAST)	65	30	46%	Planetary Science		
2003	Planetary Atmospheres (PATM) Planetary Data System Nodes NRA	80 7	5	55% 71%	Planetary Science Planetary Science		
2003	Planetary Geology and Geophysics (PGG)	115 58	62 15	54% 26%	Planetary Science Planetary Science		
2003	Planetary Instrument Definition and Development Planetary Protection Research	10	2	20%	Planetary Science		
2003	Sample Return Laboratory Instruments and Data Analysis	21	9	43%	Planetary Science		ı