

	Title	Fit Hours	PS/PE/PM	Related Satellite/Sensor	2016	2017	2018	2019	2020	2021	2022	2023
▼	1) Atmospheric Composition and Chemistry											
•	1.1) Lake Michigan Ozone study	130	Lefer, Al-Saadi			UC-12						
•	1.2) AJAX	70	Jucks	OCO-2		Alpha Jet						
•	1.3) California Methane Survey	130	JPL			Other B-200						
•	1.4) TropOMI validation (piggyback)	20	Maring/Lefer/Margolis	Sentinel-5		ER-2						
•	1.5) SHOW / ASMLS	20	Jucks/IIP			ER-2						
•	1.6) ASCENDS 2017	40	Jucks	OCO-2, ASCENDS		DC-8						
•	1.7) Polarimeter/Lidar experiment	30?	Maring	PACE, ACE		ER-2						
•	1.8) CAMPEX	120	Maring	A-Train, ACE			P-3; WB-57					
•	1.9) FIRE-CHEM	150	Lefer	A-Train, ISS			DC-8; UC-12; NASA GV; ER-2					
•	1.10) ARISE II		Maring				C-130; P-3					
•	1.11) Chemistry Mission-in-development / South East Asia Outflow	30	Jucks				WB-57					
•	1.12) FASME Pre-scribed burn	25	Lefer					Sherpa				
•	1.13) FASME Pre-scribed burn	25	Lefer							Sherpa		
▼	2) Carbon Cycle & Ecosystems Science											
•	2.1) HyspIRI prep Hawaii	40	Turner	HyspIRI / ECOSTRESS		ER-2; DragonEye						
•	2.2) HyspIRI prep California/SARP	35	Turner/Tagg	HyspIRI		ER-2						
•	2.3) ABoVE Field Campaign	150	Margolis	HyspIRI, NISAR, OCO-2, ICESat 2		G-III; G-III (2)						
•	2.4) AVIRIS budget-17	100	Margolis			ER-2; TBD						
•	2.5) Carbon Monitoring System	30	Hibbard/Jucks/Margolis	OCO-2		TBD						
•	2.6) AVIRIS budget-18	100	Margolis			ER-2; Other B-200						
•	2.7) South Asia LCLUC (placeholder)		Gutman	Landsat, NISAR		TBD						
•	2.8) UAVSAR - TE budget-18	20	Dobson/Margolis	NISAR		G-III						
•	2.9) ABoVE-related Snow mission		Margolis				TBD					
•	2.10) AVIRIS budget-19	100	Margolis			ER-2; Other B-200						
•	2.11) GEDI cal/val		GEDI	GEDI		Other B-200; P-3						
•	2.12) UAVSAR - TE budget-19	20	Dobson/Margolis	NISAR		G-III						
•	2.13) ABoVE Field Campaign	150	Margolis	HyspIRI, NISAR, OCO-2, ICESat 2		G-III; G-III (2)						
•	2.14) Potential Biodiversity campaign		Turner				ER-2					
•	2.15) Potential Aerobiology campaign		Turner				TBD					
•	2.16) UAVSAR-TE budget-20	20	Dobson/Margolis				G-III					
•	2.17) NISAR pre-launch cal/val		CCE	NISAR				G-III				
•	2.18) Arctic COLORS (placeholder)-21		Bontempi						TBD			
•	2.19) NISAR post-launch cal/val		CCE	NISAR						G-III		

Title	Fit Hours	PS/PE/PM	Related Satellite/Sensor
• 2.20) PACE Cal/Val		Bontempi	
▼ 3) Cryospheric Science			
• 3.1) OIB Arctic 2017	300	Wagner, Tagg	ICESat 2
• 3.2) Arctic melt 2017 (OIB)	100	Wagner	
• 3.3) OIB Antarctica 2017	250	Wagner, Tagg	ICESat 2
• 3.4) OIB Arctic 2018	300	Wagner, Tagg	ICESat 2
• 3.5) Arctic melt 2018 (OIB)	100	Wagner	
• 3.6) OIB Antarctica 2018	250	Wagner, Tagg	ICESat 2
• 3.7) ICESat-2 cal/val	100	Thorston Markus	ICESat 2
• 3.8) UAS mission in development		Wagner	
• 3.9) OIB Arctic 2019	250	Wagner, Tagg	ICESat 2
• 3.10) Arctic melt 2019 (OIB)	100	Wagner	
• 3.11) OIB Antarctica 2019	250	Wagner, Tagg	ICESat 2
• 3.12) ICESat-2 cal/val	100	Thorston Markus	ICESat 2
• 3.13) OIB Arctic 2020	250	Wagner, Tagg	ICESat 2
• 3.14) Arctic melt 2020 (OIB)	100	Wagner	
• 3.15) ICESat-2 cal/val	100	Thorston Markus	ICESat 2
• 3.16) Sea ice lines - mission in development		Wagner	
• 3.17) Snow-over-ice - mission in development		Wagner	
▼ 4) Water and Energy Cycle			
• 4.1) SnowEX - 17	150	Entin	GCOM-W1, GPM, SCLP
• 4.2) Airborne Snow Observatory	75	Entin/Doomn	
• 4.3) AirMOSS Alaska (ABoVE)	20	Entin	SMAP
• 4.4) SnowEX GLISTIN (OMG?)		Entin	SMAP, SWOT
• 4.5) AirSWOT Alaska	20	Margolis?	SWOT
• 4.6) Airborne Snow Observatory	50	Entin/Doomn	
• 4.7) SNOW-SAR (ESA)		Entin	
• 4.8) SnowEX - 18	150	Entin	GCOM-W1, GPM, SCLP
• 4.9) RZSM - ESA Collaboration	30	Entin	ESA BIOMASS
• 4.10) Airborne Snow Observatory	50	Entin/Doomn	
• 4.11) SWOT cal/val over the ocean - mission in development		Lindstrom	SWOT
• 4.12) SnowEX - 19	50	Entin	GCOM-W1, GPM, SCLP
• 4.13) Water quality experiment		Entin	
• 4.14) SMAPVEX - 19 / SLAPEX	100	Entin	SMAP
• 4.15) SnowEX - 20	75	Entin	GCOM-W1, GPM, SCLP
• 4.16) SnowEX - 21	50	Entin	GCOM-W1, GPM, SCLP
▼ 5) Earth Surface & Interior			

2016	2017	2018	2019	2020	2021	2022	2023
	P-3 Falcon P-3 NASA GV NASA GV; TBD ER-2; B-200 L TBD P-3 NASA GV NASA GV ER-2; P-3 P-3 NASA GV ER-2; P-3 TBD Global Hawk					TBD	
	Other P3 A90 G-III (2) G-III B-200 D A90 Any Twin Otter Other P3 G-III (2) A90 TBD Other P3 TBD DC-3 Other P3 Other P3						





