

Embry-Riddle Aeronautical University						
FY18 Awarded Proposals as of June 30, 2018						
				Values		
Sponsor Name	SPONSOR TYPE	TITLE	COST CENTER	AMOUNT OBLIGATED TO DATE	ANTICIPATED TOTAL AMOUNT	Sum of Count
FEDERAL AVIATION ADMIN	Federal	AJW-3 Pilot School Model Feasibility Study	61491	47,500	47,500	1
		AJW-3 Project#1 Fleet Assessment/Modernization Study	61493	99,500	99,500	1
		ATC Scenario Training Technology (ASTT)	61487	350,000	350,000	1
		Benchmark Premier Technical Training Providers	61501	99,500	99,500	1
		FAA SIR contract: Flight Testing Services DTFAC-17-R-00028	13889	993,870	993,870	1
		Managing Training Content Including Adaptive Learning Capabilities	61497	80,127	80,127	1
		Program Support supplemental funding	61504	96,007	96,007	1
		SE2025 TORP5103 Paired Approach Phase II Deliverable 9	13959	141,107	141,107	1
		Travel Support Supplement	61503	28,000	28,000	1
JET PROPULSION LABORATORY	Federal	Investigating the Coupling of Earthquakes and Tsunamis to the Ionosphere Using Ground-Based and Spaceborne Measurements	13963	29,869	29,869	1
NASA	Federal	Application of a Nonlinear Sliding Mode Observer to Monitor Microalgae Growth	61499	10,000	10,000	1
		Cross-Scale Wave Coupling Processes in Kelvin-Helmholtz Structures	61488	499,841	749,840	1
		Nonreimbursable Space Act Agreement (Fireball Network Station at ERAU)	5490	-	-	0
		Searching for Signatures of Recent Asteroid Disruptions in the WISE dataset	61511	37,418	37,418	1

NASA	Federal	The Observable Thermosphere-Ionosphere Responses to Short-Period Acoustic-Gravity Waves	61526	165,001	165,001	1
NATIONAL INSTITUTE OF JUSTICE	Federal	Identifying Cost-Effective Security Barrier Technologies for K-12 Schools: An Interdisciplinary Evaluation	62098	769,890	769,890	1
NATIONAL PARK SERVICE	Federal	Exploratory Evaluation of Electric Aircraft Noise Output and Performance	61474	200,000	200,000	1
NATIONAL SCIENCE FOUNDATION	Federal	Collaborative Research: A National Consortium for Synergistic Undergraduate Mathematics via Multi-institutional Interdisciplinary Teaching Partnerships (SUMMIT-P)	63018	959,105	959,105	1
		Collaborative Research: Comparative Investigation of Kilometer-scale Auroral E and F Regions Irregularities with a Global Positioning System (GPS) Scintillation Array	61492	37,825	37,825	1
		Collaborative Research: Turbulence and Wave Dynamics from the Mesosphere to the Lower Thermosphere above the Andes	61484	49,962	49,962	1
		GEM: Experimental Identification of Plasma Wave Modes in Vicinity of Kelvin-Helmholtz (KH) Vortices and in Plasma "Mixing" Regions in Low Latitude Boundary Layer	61496	309,761	309,761	1
		REU Site: Cybersecurity Research of Unmanned Aerial Vehicles	61522	287,959	287,959	1
		The Gaia Satellite, White Dwarf Stars, and the Age of the Galaxy	61480	78,687	215,790	1
NATIONAL SECURITY ADMINISTRATION	Federal	Cybersecurity Workforce Education - CNAP Initiatives	61490	109,729	109,729	1

NAVAL AIR STATIONS COMMAND	Federal	NAVAIR AMS Short-Course	13987	24,750	24,750	1
OFFICE OF NAVAL RESEARCH	Federal	Autonomous Underwater Vehicle for Autonomous Docking Research	61513	230,000	230,000	1
		Multi-Domain Approach to Increased USV Capability for Future Naval Missions	61479	120,578	900,000	1
		Time-Resolved PIV System for High Resolution Flow Measurements	61486	589,222	589,222	1
UNITED STATES AIR FORCE	Federal	Reduction of Decoherence in Quantum Information Systems Using Finite-Dimensional Direct Adaptive Control	61494	47,210	141,630	1
UNIVERSITY OF CENTRAL FLORIDA	Federal	2017 Dissertation/Thesis Improvement Fellowship - Andrea Hughes	61495	4,787	4,787	1
		Acceleration, Environment, Optics and Noise (AEON)	61521	5,595	5,595	1
		FSGC 2017-18 Hybrid Rocket Competition	61506	991	991	1
		FSGC Master's Fellowship Program 2017-18	61489	10,000	10,000	1
		Ice Core Collection Experimental Device (ICCED)	61529	2,000	2,000	1
		Increasing Spaceflight Analogue Mission Fidelity by Standardization of Extravehicular Activity Metrics Tracking and Analysis	61498	25,000	25,000	1
		NASA FSGC Masters Fellowship - Margaret Gallant	61485	10,000	10,000	1
		NASA Robotic Mining Competition	61512	3,000	3,000	1
		NASA SOFIA Triton Occultation and Outreach Events in Daytona Beach, FL	61505	5,250	5,250	1
		Women in Science at Embry-Riddle (WISER)	61507	5,250	5,250	1
US DEPARTMENT OF AGRICULTURE	Federal	FY19 Wildlife Strike Outreach	62099	140,369	140,369	1

US DEPARTMENT OF EDUCATION	Federal	Upward Bound Program at Embry-Riddle Aeronautical University, Prescott, AZ 86314	62096	269,061	269,061	1
US EMBASSY IN KOSOVO	Federal	UAS Remote Sensing for Cultural Heritage Preservation in Kosovo	61518	4,994	4,994	1
Grand Total				6,978,715	8,239,659	41

AWARD NUMBER	STATUS	CAMPUS	COLLEGE	UNIT NAME	LEAD UNIT NUMBER	PI FULL NAME	SPONSOR NAME	SPONSOR TYPE	TITLE	COST CENTER	ANTICIPATED TOTAL AMOUNT	AMOUNT OBLIGATED TO DATE	START DATE	END DATE	PROJECT TYPE	FISCAL YEAR	PROJECT INTERNAL	PROJECT CONTACT OSP1	Count
000013-00001A	ACTIVE	ERAU DB	DB-Dean of Aviation	DB-College of Aviation Instr	22819	Ryan L Kobrick	UNIVERSITY OF CENTRAL FLORIDA	Federal	Increasing Spaceflight Analogue Mission Fidelity by Standardization of Extravehicular Activity Metrics Tracking and Analysis	61498	25,000.00	25,000.00	8/1/2017	4/4/2018	Grant	2018	N	Brianna Gray	1
000014-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-CenterSpaceAtmosResCSAR	22688	Edwin Jay Mierkiewicz	UNIVERSITY OF CENTRAL FLORIDA	Federal	2017 Dissertation/Thesis Improvement Fellowship - Andrea Hughes	61495	4,787.00	4,787.00	8/15/2017	8/31/2018	Grant	2018	N	Michelle McLaren	1
000015-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-CenterSpaceAtmosResCSAR	22688	Heidi Katariina Nykyri	NASA	Federal	Cross-Scale Wave Coupling Processes in Kelvin-Helmholtz Structures	61488	749,840.00	499,841.00	9/1/2017	8/31/2020	Grant	2018	N	Michelle McLaren	1
000019-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-CenterSpaceAtmosResCSAR	22688	Edwin Jay Mierkiewicz	UNIVERSITY OF CENTRAL FLORIDA	Federal	NASA FSGC Masters Fellowship - Margaret Gallant	61485	10,000.00	10,000.00	8/15/2017	5/15/2018	Grant	2018	N	Michelle McLaren	1
000026-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-Physical Science	22690	Terry Dean Oswalt	UNIVERSITY OF CENTRAL FLORIDA	Federal	NASA SOFIA Triton Occultation and Outreach Events in Daytona Beach, FL	61505	5,250.00	5,250.00	9/18/2017	12/31/2017	Grant	2018	N	Nicole Whetstine	1
000041-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-PhD in Engineering Physics	22578	Kshitija Bharat Deshpande	NATIONAL SCIENCE FOUNDATION	Federal	Collaborative Research: Comparative Investigation of Kilometer-scale Auroral E and F Regions Irregularities with a Global Positioning System (GPS) Scintillation Array	61492	37,825.00	37,825.00	9/1/2017	8/31/2020	Grant	2018	N	Christina Williams	1
000045-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-Physical Science	22690	Heidi Katariina Nykyri	NATIONAL SCIENCE FOUNDATION	Federal	GEM: Experimental Identification of Plasma Wave Modes in Vicinity of Kelvin-Helmholtz (KH) Vortices and in Plasma "Mixing" Regions in Low Latitude Boundary Layer	61496	309,761.00	309,761.00	9/1/2017	8/31/2020	Grant	2018	N	Michelle McLaren	1
000063-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-CenterSpaceAtmosResCSAR	22688	Zhuangren Liu	NATIONAL SCIENCE FOUNDATION	Federal	Collaborative Research: Turbulence and Wave Dynamics from the Mesosphere to the Lower Thermosphere above the Andes	61484	49,962.00	49,962.00	8/1/2017	7/31/2018	Grant	2018	N	Michelle McLaren	1
000071-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-Physical Science	22690	Heidi Katariina Nykyri	UNIVERSITY OF CENTRAL FLORIDA	Federal	FSGC Master's Fellowship Program 2017-18	61489	10,000.00	10,000.00	8/10/2017	4/4/2018	Grant	2018	N	Teana Falce	1
000080-00001A	ACTIVE	ERAU DB	DB-DeanCollEngineering	DB-Aerospace Engineering	22710	Eric Royce Perrell	UNIVERSITY OF CENTRAL FLORIDA	Federal	FSGC 2017-18 Hybrid Rocket Competition	61506	991.00	991.00	10/9/2017	4/4/2018	Grant	2018	N	Teana Falce	1
000082-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-Mathematics	22580	Frederique Drullion	UNIVERSITY OF CENTRAL FLORIDA	Federal	Women in Science at Embry-Riddle (WISER)	61507	5,250.00	5,250.00	11/15/2017	4/4/2018	Grant	2018	N	Teana Falce	1
000089-00001A	ACTIVE	ERAU DB	DB-DeanCollEngineering	DB-PhDMechanicalEngineering	22654	Eric Coyle	OFFICE OF NAVAL RESEARCH	Federal	Multi-Domain Approach to Increased USV Capability for Future Naval Missions	61479	900,000.00	120,578.00	7/1/2017	6/30/2022	Grant	2018	N	Christina Williams	1
000091-00001A	ACTIVE	ERAU DB	DB-DeanCollEngineering	DB-MS UnmannedAutoSysEng	22721	Remzi Seker	NATIONAL SECURITY ADMINISTRATION	Federal	Cybersecurity Workforce Education - CNAP Initiatives	61490	109,729.00	109,729.00	8/24/2017	8/24/2018	Grant	2018	N	Christina Williams	1
000102-00001A	ACTIVE	ERAU DB	DB-DeanCollEngineering	DB-MMSE at Gulfstream	22667	John Gordon Leishman	OFFICE OF NAVAL RESEARCH	Federal	Time-Resolved PIV System for High Resolution Flow Measurements	61486	589,222.00	589,222.00	8/10/2017	8/9/2018	Grant	2018	N	Christina Williams	1
000116-00001A	ACTIVE	ERAU DB	DB-DeanCollEngineering	DB-MS UnmannedAutoSysEng	22721	Shafagh Jafer	FEDERAL AVIATION ADMIN	Federal	ATC Scenario Training Technology (ASTT)	61487	350,000.00	350,000.00	8/10/2017	3/1/2019	Grant	2018	N	Christina Williams	1
000122-00001A	ACTIVE	ERAU DB	DB-Dean of Aviation	DB-College of Aviation Instr	22819	Andrew R Dattel	FEDERAL AVIATION ADMIN	Federal	AJW-3 Pilot School Model Feasibility Study	61491	47,500.00	47,500.00	8/31/2017	1/31/2018	Grant	2018	N	Christina Williams	1
000125-00001A	ACTIVE	ERAU DB	DB-Dean of Aviation	DB-College of Aviation Instr	22819	Mark A. Friend	FEDERAL AVIATION ADMIN	Federal	Travel Support Supplement	61503	28,000.00	28,000.00	11/1/2017	8/31/2019	Grant	2018	N	Christina Williams	1
000126-00001A	ACTIVE	ERAU DB	DB-Dean of Aviation	DB-College of Aviation Instr	22819	Mark A. Friend	FEDERAL AVIATION ADMIN	Federal	Program Support supplemental funding	61504	96,007.00	96,007.00	8/31/2017	8/30/2019	Grant	2018	N	Christina Williams	1
000136-00001A	ACTIVE	ERAU DB	DB-DeanCollEngineering	DB-PhDAerospaceEngineering	22651	Mark J. Balas	UNITED STATES AIR FORCE	Federal	Reduction of Decoherence in Quantum Information Systems Using Finite-Dimensional Direct Adaptive Control	61494	141,630.00	47,210.00	9/15/2017	9/14/2020	Grant	2018	N	Christina Williams	1
000140-00001A	ACTIVE	ERAU DB	DB-Dean of Aviation	DB-College of Aviation Instr	22819	Michael E. Wiggins	FEDERAL AVIATION ADMIN	Federal	Managing Training Content Including Adaptive Learning Capabilities	61497	80,127.00	80,127.00	8/31/2017	9/30/2018	Grant	2018	N	Christina Williams	1
000141-00001A	ACTIVE	ERAU DB	DB-Dean of College of Business	DB-CollegeBusinessInstruction	22709	Massoud Bazargan	FEDERAL AVIATION ADMIN	Federal	AJW-3 Project#1 Fleet Assessment/Modernization Study	61493	99,500.00	99,500.00	8/31/2017	11/30/2018	Grant	2018	N	Christina Williams	1
000142-00001A	ACTIVE	ERAU DB	DB-Dean of College of Business	DB-CollegeBusinessInstruction	22709	Massoud Bazargan	FEDERAL AVIATION ADMIN	Federal	Benchmark Premier Technical Training Providers	61501	99,500.00	99,500.00	11/1/2017	6/30/2018	Grant	2018	N	Christina Williams	1
000174-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-Physical Science	22690	Theodore A. von Hippel	NATIONAL SCIENCE FOUNDATION	Federal	The Gaia Satellite, White Dwarf Stars, and the Age of the Galaxy	61480	215,790.00	78,687.00	7/1/2017	6/30/2020	Grant	2018	N	Brianna Gray	1
000178-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-Physical Science	22690	Ashley Jeanne Kehoe	NASA	Federal	Searching for Signatures of Recent Asteroid Disruptions in the WISE dataset	61511	37,418.15	37,418.15	12/8/2017	12/7/2018	Grant	2018	N	Michelle McLaren	1
000184-00001A	ACTIVE	ERAU DB	DB-DeanCollEngineering	DB- Flight Research Center	22736	Daniel Steven Daniel	NATIONAL PARK SERVICE	Federal	Exploratory Evaluation of Electric Aircraft Noise Output and Performance	61474	200,000.00	200,000.00	8/11/2017	4/15/2022	Cooperative Agreement	2018	N	Michelle McLaren	1
000189-00001A	ACTIVE	ERAU DB	DB-Provost	UA-NextGen Administration	11719	Christopher Kokai	FEDERAL AVIATION ADMIN	Federal	SE2025 TORP5103 Paired Approach Phase II Deliverable 9	13959	141,107.00	141,107.00	12/1/2017	10/15/2018	Contract	2018	N	Patricia Ripa	1

000204-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-Physical Science	22690	Jonathan B Snively	JET PROPULSION LABORATORY	Federal	Investigating the Coupling of Earthquakes and Tsunamis to the Ionosphere Using Ground-Based and Spaceborne Measurements	13963	29,869.00	29,869.00	12/1/2017	9/30/2019	Contract	2018	N	Nancy McCaffrey	1
000208-00001A	ACTIVE	ERAU WW	WW-Dean of CollegeArtsSciences	WW-Dean of CollegeArtsSciences	32545	Susan L Ganter	NATIONAL SCIENCE FOUNDATION	Federal	Collaborative Research: A National Consortium for Synergistic Undergraduate Mathematics via Multi-institutional Interdisciplinary Teaching Partnerships (SUMMIT-P)	63018	959,105.00	959,105.00	9/1/2017	8/31/2021	Grant	2018	N	Karen Forte	1
000216-00001A	ACTIVE	ERAU DB	DB-DeanCollEngineering	DB-Mech Engineering Sciences	22855	Eric Coyle	UNIVERSITY OF CENTRAL FLORIDA	Federal	NASA Robotic Mining Competition	61512	3,000.00	3,000.00	12/1/2017	4/4/2018	Grant	2018	N	Teana Falce	1
000228-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-Physical Science	22690	Ashley Jeanne Kehoe	NASA	Federal	Nonreimbursable Space Act Agreement (Fireball Network Station at ERAU)	5490	0.00	0.00	7/1/2017	7/1/2022	Facilities Agreement	2018	N	Nicole Whetstine	0
000230-00001A	ACTIVE	ERAU DB	DB-Dean of Aviation	DB-Dean of Aviation	22812	Nickolas Daniel Macchiarella	US EMBASSY IN KOSOVO	Federal	UAS Remote Sensing for Cultural Heritage Preservation in Kosovo	61518	4,994.00	4,994.00	4/15/2018	8/31/2018	Grant	2018	N	Christina Williams	1
000236-00001A	ACTIVE	ERAU DB	DB-Dean of Aviation	DB-Applied Aviation Science	22815	Pedro J Llanos	UNIVERSITY OF CENTRAL FLORIDA	Federal	Acceleration, Environment, Optics and Noise (AEON)	61521	5,595.00	5,595.00	4/1/2018	6/30/2018	Grant	2018	N	Christina Williams	1
000237-00001A	ACTIVE	ERAU DB	DB-DeanCollEngineering	DB-ElectricalCompSoftSystEng	22650	Brian K. Butka	OFFICE OF NAVAL RESEARCH	Federal	Autonomous Underwater Vehicle for Autonomous Docking Research	61513	230,000.00	230,000.00	2/1/2018	1/31/2019	Grant	2018	N	Christina Williams	1
000251-00001A	ACTIVE	ERAU DB	DB-DeanCollEngineering	DB- Flight Research Center	22736	Borja Martos	FEDERAL AVIATION ADMIN	Federal	FAA SIR contract: Flight Testing Services DTFAC17-R-00028	13889	993,869.50	993,869.50	9/20/2017	9/19/2018	Contract	2018	N	Tatia McKaige	1
000254-00001A	ACTIVE	ERAU DB	DB-DeanCollEngineering	DB-ElectricalCompSoftSystEng	22650	Jiawei Yuan	NATIONAL SCIENCE FOUNDATION	Federal	REU Site: Cybersecurity Research of Unmanned Aerial Vehicles	61522	287,959.00	287,959.00	6/1/2018	5/31/2021	Grant	2018	N	Teana Falce	1
000272-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-PhD in Engineering Physics	22578	Karen Frances Gaines	NASA	Federal	Application of a Nonlinear Sliding Mode Observer to Monitor Microalgae Growth	61499	10,000.00	10,000.00	8/1/2017	7/31/2018	Grant	2018	N	Brianna Gray	1
000280-00001A	ACTIVE	ERAU PC	PC-Arts and Sciences	PC-DeptHumanitiesComm	42680	Berta Gutierrez	US DEPARTMENT OF EDUCATION	Federal	Upward Bound Program at Embry-Riddle Aeronautical University, Prescott, AZ 86314	62096	269,061.00	269,061.00	9/1/2017	8/31/2018	Grant	2018	N	Peggy Bowman	1
000316-00001A	ACTIVE	ERAU PC	PC-Arts and Sciences	PC-Arts and Sciences	42685	Archie Dickey	US DEPARTMENT OF AGRICULTURE	Federal	FY19 Wildlife Strike Outreach	62099	140,369.00	140,369.00	10/1/2017	9/30/2018	Grant	2018	N	Peggy Bowman	1
000338-00001A	ACTIVE	ERAU PC	PC-College of Security & Intel	PC-College of Security & Intel	42681	Thomas E Foley	NATIONAL INSTITUTE OF JUSTICE	Federal	Identifying Cost-Effective Security Barrier Technologies for K-12 Schools: An Interdisciplinary Evaluation	62098	769,890.00	769,890.00	1/1/2018	12/31/2019	Grant	2018	N	Brianna Gray	1
000346-00001A	ACTIVE	ERAU DB	DB-DeanCollegeArtsScience	DB-Physical Science	22690	Jonathan B Snively	NASA	Federal	The Observable Thermosphere-Ionosphere Responses to Short-Period Acoustic Gravity Waves	61526	165,001.00	165,001.00	6/7/2018	6/6/2021	Grant	2018	N	Christina Williams	1
000350-00001A	ACTIVE	ERAU DB	DB-DeanCollEngineering	DB-Mech Engineering Sciences	22855	Sathya Narayan Gangadharan	UNIVERSITY OF CENTRAL FLORIDA	Federal	Ice Core Collection Experimental Device (ICCED)	61529	2,000.00	2,000.00	9/1/2017	8/31/2018	Grant	2018	N	Teana Falce	1
000385-00001A	ACTIVE	ERAU DB	DB-Provost	DB-Professional Programs	22816	Sarah L Ochs	NAVAL AIR STATIONS COMMAND	Federal	NAVAIR AMS Short-Course	13987	24,750.00	24,750.00	6/6/2018	8/30/2018	Contract	2018	N	Nancy McCaffrey	1