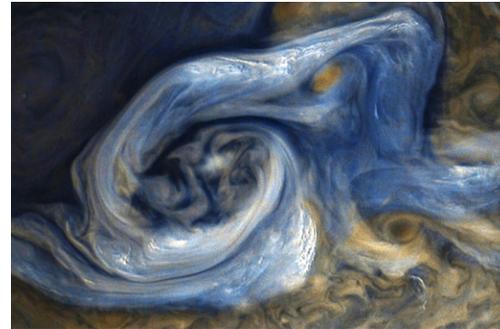
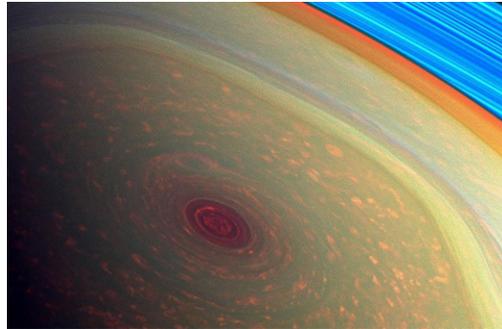


SCIENCE

National Aeronautics and
Space Administration



PLANETARY SCIENCE DIVISION
Research & Analysis

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Research & Analysis Program Outline

- Introduction
- General Program Updates
- Program Stats (ROSES 2018 & 2019)
- ROSES 2020 Look Ahead
- ICAR update

General R&A Update

Impacts to R&A due to 35-day Government Shutdown

- Time between submission deadline and PI notification of selection status extended
- NSSC mostly caught up in grants processing

Operating under a Continuing Resolution for FY20

- Temporary 15% reduction in selections across all programs
- We hope/expect more selections once we have a final appropriation
- Rebalancing of R&A program funding on hold until we have a final appropriation

Planetary Science Division - ROSES 18

ROSES 18- Program Name	Step-1 Due Date	Step-2 Due Date	Panel Occurred	Selections/Submissions (Selection rate%)	Selection Date	Days from Step-2 to Select
Exobiology (EXOB)	04/16/2018	05/24/2018	Yes	23/156 (15%)	10/17	146
Exoplanets (XRP)	03/29/2018	05/30/2018	Yes	16/117 (14%)	10/03/2018	126
Exoplanets (XRP) 2*	03/29/2019	05/29/2019	Yes	18/139 (13%)	10/04/2019	128
Emerging Worlds (EW)	04/12/2018	06/01/2018	Yes	29/110 (26%)	10/18	139
Development & Advance of Lunar Instruments (DALI)	04/03/2018	06/05/2018	Yes	10/48 (17%)	10/26	143
Solar System Obs. (SSO)	04/05/2018	06/07/2018	Yes	10/66 (15%)	03/11	277
MatISSE	04/18/2018	06/20/2018	Yes	8/56 (14%)	11/09	142
Laboratory Analysis of Returned Sample (LARS)	05/24/2018	07/26/2018	Yes	12/26 (46%)	04/30	278
Planetary Data Archiving, Restoration, Tools (PDART)	05/10/2018	07/12/2018	Yes	16/91 (18%)	11/19	130
Cassini Data Analysis (CDAP) C. 10	06/01/2018	08/14/2018	Yes	18/61 (30%)	03/18	216
Cassini Data Analysis (CDAP) C. 26				2/7 (29%)	03/31	114
New Frontiers Data Analysis Program (NFDAP)	06/12/2018	08/23/2018	Yes	10/25 (40%)	03/08	197
Apollo Next Generation Sample Analysis (ANGSA)	06/22/2018	08/21/2018	Yes	9/26 (35%)	03/11	202
Planetary Major Equipment/Facilities (PMEF)	07/17/2018	09/17/2018	Yes	XX/11	TBD	
Mars Data Analysis (MDAP)	08/23/2018	10/25/2018	Yes	24/103 (23%)	05/19	206
Discovery Data Analysis (DDAP)	08/30/2018	11/01/2018	Yes	6/22 (27%)	06/14	225
Rosetta Data Analysis Program (RDAP)	08/30/2018	11/01/2018	Yes	7/23 (30%)	06/19	230
PICASSO	09/20/2018	11/20/2018	Yes	11/91 (12%)	04/29	160
Habitable Worlds (HW)	11/15/2018	03/29/2019	Yes	10/60 (17%)	10/20	205
Solar System Workings (SSW)	11/15/2018	04/02/2019	Yes	74/338 (22%)	09/27	178
Lunar Data Analysis (LDAP)	11/29/2018	03/29/2019	Yes	9/37 (24%)	09/28	183
Korean Pathfinder Lunar Orbiter (KPLO)	04/11/2019	06/11/2019	No	XX/26	DELAYED BY MISSION	
Planetary Protection Research (PPR)	04/12/2019	05/10/2019	Yes	7/35 (20%)	11/08	182

ROSES 19 - Program Name	Step-1 Due Date	Step-2 Due Date	Panels Held	Selections/ Proposals	Selection Dates	Days from Step-2 to Select
Exoplanets (XRP)	<i>Solicited through ROSES 18 Amendment</i>					
Planetary Protection Research (PPR)	<i>Not Solicited</i>					
Emerging Worlds (EW)	04/16/2019	06/12/2019	Yes	20/100 (20%)	11/04	145
Development & Advance of Lunar Instruments (DALI)	04/16/2019	06/12/2019	Yes	5/44 (11%)	11/14	155
Solar System Obs. (SSO)	04/16/2019	06/12/2019	Yes	XX/49	TBD	
MatISSE	<i>Not Solicited</i>					
Laboratory Analysis of Returned Sample (LARS)	04/24/2019	06/25/2019	No	XX/23	TBD	
Planetary Data Archiving, Restoration, Tools (PDART)	05/09/2019	07/11/2019	Yes	17/112 (15%)	TBD	124
Exobiology (EXOB)	05/13/2019	06/12/2019	Yes	XX/159	TBD	
Cassini Data Analysis (CDAP)	05/16/2019	07/18/2019	Yes	17/61 (28%)	TBD	120
New Frontiers Data Analysis Program (NFDAP)	05/30/2019	08/01/2019	No	11/27 (41%)	TBD	106
Planetary Science and Technology Through Analog Research (PSTAR)	07/25/2019	10/10/2019	No	XX/48	TBD	
Planetary Major Equipment/Facilities (PMEF)	08/20/2019	10/22/2019	No	TBD	TBD	
Mars Data Analysis (MDAP)	08/22/2019	10/24/2019	No	XX/101	TBD	
Discovery Data Analysis (DDAP) *	08/29/2019	11/01/2019	No	XX/43	TBD	
PICASSO	09/20/2019	11/20/2019	No	XX/96	TBD	
Early Career Award (C.19)	N/A	12/02/2019	No	XX/35	TBD	
Habitable Worlds (HW)	11/15/2019	01/17/2020	No	TBD	TBD	
Solar System Workings (SSW)	11/15/2019	01/30/2020	No	TBD	TBD	
Lunar Data Analysis (LDAP)	11/26/2019	02/27/2020	No	TBD	TBD	
Interdisciplinary Consortia for Astrobiology Research (ICAR)	01/31/2020	04/03/2020	No	TBD	TBD	

While we operate under a Continuing Resolution, in order to keep all the programs up and running, we have reduced selections by 15%, with the anticipation that additional selections will be made once we have a new operating plan under a new budget

ROSES 20 Look Ahead

- What's old
 - Apollo Next Generation Sample Analysis
 - LunaTech (never got started)
 - + • KPLO delayed by mission
- + • What's new
 - DART PSP
 - SSO is dividing into two programs: SSO and YORPD (Yearly Opportunities for Research in Planetary Defense)
- Changes
 - XRP is now cross-divisional
 - RDAP now part of DDAP
 - Data management plans will be evaluated as part of intrinsic merit (minor strength/weakness only)



PROGRAM NEWS

ROSES-19 Amendment 8: Interdisciplinary Consortia for Astrobiology Research (ICAR)

Astrobiology Research

- Solicitation: NNH19ZDA001N-ICAR
- Targeted timing:
 - First solicitation – released November 25, 2019
 - January 31, 2020 – Step 1 proposals due
 - April 3, 2020 – Step 2 proposals due
 - Fall 2020 – new ICAR awards start
- Areas of research emphasis in this solicitation are linked:
 1. Exoplanet System Science - NExSS
 2. Prebiotic Chemistry and Early Earth Environments - PCE₃
 3. Earliest Cells and Multicellularity
- Selected proposals will become part of the Research Coordination Network (RCN)
- Calls will occur on the order of every two years and will stagger RCN topics that will be included

Questions?