

# Planetary Science R&A Process and Status

Jonathan Rall

Planetary Science R&A Lead

Planetary Science Subcommittee

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# Outline

- R&A Program List
- Step-1 Proposal Submissions and Decisions
- Step-2 Statistics
- Regional Planetary Image Facility (RPIF)  
Senior Review

# PSD R&A Program List

Program Name	Step-1 Due Date	Step-2 Due Date
Emerging Worlds	<i>03/31/2014</i>	<i>06/04/2014</i>
Exoplanets	<i>03/31/2014</i>	<i>05/23/2014</i>
Exobiology	<i>04/14/2014</i>	<i>06/03/2014</i>
Solar System Obs.	<i>04/07/2014</i>	<i>06/06/2014</i>
MatISSE	<i>04/21/2014</i>	<i>06/20/2014</i>
LARS	<i>04/28/2014</i>	<i>06/27/2014</i>
Solar System Workings	<i>05/23/2014</i>	<i>07/25/2014</i>
PDART	<i>07/17/2014</i>	<i>09/17/2014</i>
Discovery Data Analysis	<i>07/21/2014</i>	<i>09/19/2014</i>
Cassini Data Analysis	<i>07/28/2014</i>	<i>09/26/2014</i>
Mars Data Analysis	<i>08/04/2014</i>	<i>10/03/2014</i>
Lunar Data Analysis	<i>08/29/2014</i>	<i>10/24/2014</i>
PICASSO	<i>09/15/2014</i>	<i>11/14/2014</i>
Habitable Worlds	11/24/2014	01/23/2015

# Step-1 Proposal Decisions

- The time-to-notify after the Step-1 deadlines is consistent across the Core programs
- The dominant factor is not the number of proposals, but this year's discussion between program caucuses

Program Name	Submissions	Days to Step-1 Notifications
EW (Emerging Worlds)	219	23
SSW (Solar System Wkgs.)	509	21
Exobiology	186	22
SSO (Solar System Obs.)	99	23
PDART	143	36
CDAPS	101	10
DDAP	32	7
LARS	29	3
XRP (Exoplanets)	168	16
MDAP	139	18
LDAP	82	20
PSTAR	69	17

Time-to-notification is given as calendar days between the Step-1 deadline and when the majority of the NSPIRES notifications were sent.

# Step-1 Proposal Decisions

Program Name	Submissions	Encouraged	Discouraged (w/ redirect)	Discouraged (w/o redirect)
Emerging Worlds	219	196	19	4
Solar System Workings	509	474	35	0
Exobiology	186	174	9	3
Solar System Obs.	99	86	0	13
PDART	143	129	14	0
CDAPS	101	100	0	1
DDAP	32	30	1	1
LARS	29	29	0	0
Exoplanets	168	162	2	4
PSTAR	69	55	14	0
LDAP	82	72	8	2
	1637	1507	102	28

# Step-2 Proposal Submissions

Program	Encouraged		Redirected		Discouraged	
	Step-2	No Step-2	Step-2	No Step-2	Step-2	No Step-2
All (%)	74.1%	18.7%	0.75%	4.31%	0.25%	1.91%

- “Redirected” is Discouraged with a SMD redirect suggestion
- “Discouraged” has no redirect suggestion
- Approximately 25% attrition rate between Step-1 & Step-2
- Step-1 Encouraged to Step-2 attrition rate is consistently 20%
- 0.75% of redirected submit a Step-2 to original program
- 0.25% of Discouraged submit a Step-2 to original program
- No “stigma” attached to Discouraged or Redirected proposals
- All compliant Step-2 proposals treated equally

# Regional Planetary Image Facility Senior Review

- PSD will hold its next Regional Planetary Image Facilities Senior Review (RPIF-SR) in FY15 to evaluate proposals for a 5-year plan to operate from FY16 through FY20.
- Facilities will submit proposals describing options for an *extended service* operating during FY16 - FY20.
- Proposals will be evaluated by an independent panel, which will provide written questions to the facility's teams.
- Teams will have an opportunity to answer these questions at a face-to-face visit with the panel.

# Merit & Performance of *nine* facilities

- **Arizona State University**

The Ronald Greeley Center for Planetary Studies  
School of Earth & Space Exploration

- **Brown University**

Northeast Regional Planetary Data Center  
Department of Geological Sciences

- **Cornell University**

Spacecraft Planetary Imaging Facility  
Center for Radiophysics and Space Research

- **Jet Propulsion Laboratory**

Regional Planetary Image Facility

- **Lunar and Planetary Institute**

Center for Information and Research Services

- **National Air and Space Museum**

Center for Earth and Planetary Studies

- **U.S. Geological Survey-Flagstaff**

Regional Planetary Information Facility  
Branch of Astrogeology

- **University of Arizona**

Space Imagery Center  
Lunar and Planetary Laboratory

- **University of Hawai'i at Manoa**

Pacific Regional Planetary Data Center  
Hawai'i Institute of Geophysics &  
Planetology  
School of Ocean and Earth Science and  
Technology



# Regional Planetary Image Facility Senior Review Schedule

- Draft Guidelines distributed December 1, 2014
- Comments due from RPIF Network December 8, 2014
- Distribution of Final Guidelines December 15, 2014
- Final Proposal Submission to NRESS February 27, 2015
- Questions from Panel to RPIF Network March 13, 2015
- Face to Face visit / oral presentation March 31 – April 2, 2015
- Senior Review Report submitted to PSD April 30, 2015
- PSD Notification to RPIF Network May 29, 2015

**The End**

Questions?

# Step-2 Proposal Team Changes

- PIs could add funded team members by emailing the program lead more than two weeks before the Step-2 due date

Program Name	Increased Proposal Teams	Decreased Proposal Teams
Emerging Worlds	8.3%	7.6%
Solar System Wkgs.	7.9%	7.7%
Exobiology	12%	2.8%
Solar System Obs.	13%	11%
Exoplanets	6.0%	7.4%

- Nearly as many PIs removed Co-Is as added them (except for in Exobiology)