Planetary Science Division Update

Jim Green
Director, Planetary Science
October 27, 2011
Status Since Last Meeting

• NASA-ESA bilat was delayed from late Oct to TBD
• MSL Lunch & Learn, Capitol Hill, Oct 25
• MSL Project Mission Readiness Review, Oct 26
  – On target for launch November 25th
Planetary Funding Profile
Issued Prior to the Planetary Decadal

President’s FY11 Budget + inflation

President’s FY12 Budget * (delivered to Congress Feb. 14, 2011)

Assumed Flat Budget

Red area is what was available for the next decadal programs from Presidents FY11 budget

*Notional Budget
Update on Senior Review

• President’s FY12 budget provides out year reduction to Planetary by ~23% by FY16

• Consequences with respect to extended missions:
  – Extended missions will now be approved using a single biannual Senior Review process to the extent possible
  – No extended mission has a “fenced off” budget

• Issued draft guidelines for Senior Review Sept. 30
  • Comments received and guidelines are being updated

• Multi-Mission Senior Review schedule for FY13-14:
  • Official guidelines to missions Oct 31, 2011 (goal)
  • Proposals due 90 days after release of guidelines (Jan 31, 2012)
  • Senior Review (March 2012)
  • Final report to PSD Director (Spring 2012)
  • Senior Review results executed beginning of FY13
Planetary Science Division
R&A Program

Jonathan Rall
Lead - Planetary Science R&A
October 27, 2011
Planetary Science Research
   Research & Analysis Program
   (PGG, Cosmochem, PAST, PATM, PME, PIDDP, Origins, PP, LPI, ASTEP, ASTID, NAI, Exo/Evo)
   Near Earth Objects Observation (NEOO)
   Planetary Data Systems (PDS)
   Astromaterial Curation

Mars Research & Analysis
   Mars Data Analysis Program (MDAP)
   Mars Fundamental Research Program (MFRP)
   Phoenix/MRO PSP

Discovery Research
   SRLI DAP/LARS (Lab Analysis of Returned Samples)
   PMDAP (Planetary Missions DAP)
   MESSENGER/Dawn PSP

Outer Planets Research
   OPRP, Cassini DAP/PSP

Lunar Science Research
   NLSI, LASER, MMAMA, PGG/Cosmo Lunar, LRO PSP
Planetary Science Research Budget (FY03-FY11)

For more info on PSD: http://science.nasa.gov/researchers/sara/division-corner/planetary-science-division-corner/
Geographic Distribution of Grants as of 2010

Concentration of PSD PIs
- >50 PIs
- 15-50 PIs
- 10-14 PIs
- 5-9 PIs
- 1-4 PIs
- 0 PIs

Map showing the distribution of grants with different colors indicating the concentration of PSD PIs across states.