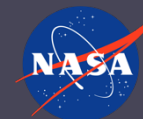


## Science Mission Directorate Rideshare Office (SRO)

National Aeronautics and  
Space Administration



- SMD Rideshare Policy enables rideshare or launch accommodation opportunities using an ESPA-type ring integrated on the launch service procured for an SMD primary payload with identified excess performance.

- SPD-32 Evolved Expendable Launch Vehicle (EELV) Secondary Payload Adapter (ESPA) Secondary Payloads Rideshare

- Baseline policy signed Oct. 2018; Policy updated January 2021 (Rev 2)

- SMD may offer any excess capacity not utilized for SMD investigations to other NASA Mission Directorates (MD), other U.S. Government Agencies, or NASA's International partners in accordance with international agreements for international collaborative efforts relating to science, technology, and exploration goals.

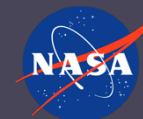
- SMD Rideshare Office (SRO) was established in 2020 to implement the SMD rideshare policy and develop standard rideshare processes for the SMD Directorate.

- Goal: To provide a single POC for SMD Rideshare-related inquiries for both NASA Center and external partners; to maintain overall knowledge and tracking of Rideshare activities for SMD missions, and to ensure best utilization of excess LV performance to obtain maximum science on SMD missions

- Developing a robust rideshare program to utilize excess mass to orbit and enable additional launch opportunities for the science community

## Science Mission Directorate Rideshare Office (SRO)

National Aeronautics and  
Space Administration



### ➤ SRO Activities/Future Plans

- Standardizing solicitation language and reviewing each Announcement of Opportunity (AO) for consistency
- Developing key documents: SMD RS101, SMD RUG & DNH requirements, & the SMD RS Implementation Plan
- Performing top-level payload compatibility analyses of rideshare missions to identify potential impacts to the primary payload or the success of the secondaries
- Maintaining a list of SMD launch opportunities and tracking potential external launch opportunities
  - External information is made available on the Small Spacecraft Systems Virtual Institute (S3VI) website.

### Point(s) of Contact

- SMD Rideshare Office email:

[hq-smd-rideshare@mail.nasa.gov](mailto:hq-smd-rideshare@mail.nasa.gov)

**SMD AA, Thomas Zurbuchen,**  
established SMD's initial Rideshare  
Policy in late 2018;  
Rideshare Office in 2020

#### **SMD Rideshare Office**

**Lead: Aly-Mendoza-Hill**

- Wanda Peters, SMD DAAP
- Nicky Fox, HPD Director
- Peg Luce, HPD Deputy Dir
- Alan Zide, Prog Exec
- David Cheney, Prog Exec
- Brooke Burns, Consultant

#### **Small Spacecraft Coordination Group**

*Florence Tan*  
*Chris Baker*  
*Norman Phelps*

#### **Launch Services Program**

Human Exploration Systems  
Mission Directorate  
*Shaun Daly (Rideshare)*  
*Scott & Liam (CSLI)*

#### **NASA Centers**

GSFC, LaRC,  
MSFC, KSC,  
JPL, etc.

- **SmallSat Space Access Live - Rideshare Office Q&A -  
Wed, Aug 11<sup>th</sup> 11:00 EDT**