

## 1. PROPOSAL SUMMARY

**PHOTOCHEMICAL ESCAPE AT MARS**

SOLICITATION NNH25ZDA001N-SCUBED: C.2 SOLAR SYSTEM SCIENCE

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### 3. SCIENTIFIC/TECHNICAL/MANAGEMENT

This is a sentence [1]. This is another sentence, see §3d, which is a part of §3.

- a. Research Questions and Scientific Objectives
- b. Expected Significance and Perceived Impact
- c. Relevance to Planetary Science Division Priorities
- d. Overview of Methodology
  - i. *Background*
- e. Potential Risks and Mitigation Strategies
- f. Plan of Work and Management Structure

**4. TABLES OF PERSONNEL AND WORK EFFORT****Work Efforts to be Funded by This Proposal**

Name	Role	Commitment (FTE)			
		Y1	Y2	Y3	Total
PI Name	PI	0.00	0.00	0.00	0.00
Co-I Name	Co-I	0.00	0.00	0.00	0.00
Collaborator Name	Collaborator	n/a	n/a	n/a	n/a
Other Name	Other Role	0.00	0.00	0.00	0.00
<b>Total Funded Work Effort</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Work Efforts Proposed but Not to Be Funded by This Proposal**

Name	Role	Commitment (FTE)			
		Y1	Y2	Y3	Total
PI Name	PI	0.00	0.00	0.00	0.00
Co-I Name	Co-I	0.00	0.00	0.00	0.00
Collaborator Name	Collaborator	0.00	0.00	0.00	0.00
Other Name	Other Role	0.00	0.00	0.00	0.00
<b>Total Unfunded Work Effort</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Total Work Efforts Proposed (Funded + Unfunded)**

Name	Role	Commitment (FTE)			
		Y1	Y2	Y3	Total
PI Name	PI	0.00	0.00	0.00	0.00
Co-I Name	Co-I	0.00	0.00	0.00	0.00
Collaborator Name	Collaborator	0.00	0.00	0.00	0.00
Other Name	Other Role	0.00	0.00	0.00	0.00
<b>Grand Total Work Effort</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

## 5. REFERENCES

- [1] Stone, S. W., R. V. Yelle, M. Benna, M. K. Elrod, and P. R. Mahaffy. **2022**. *Neutral Composition and Horizontal Variations of the Martian Upper Atmosphere From MAVEN NGIMS*. Journal of Geophysical Research: Planets, *127*(6), e2021JE007085, doi:[10.1029/2021je007085](https://doi.org/10.1029/2021je007085).