

SELF-REPORTED DEMOGRAPHICS OF NASA SCIENCE MISSION DIRECTORATE RESEARCH PROPOSAL TEAMS 2014-2021. H. B. Jensen¹, L. L. Pappas¹, N. Taha¹, M. H. New², M. Thompson², L. M. Barbier², and C. Wilson³, ¹Agile Decision Sciences, Huntsville, AL, heidi.b.jensen@nasa.gov, ²National Aeronautics and Space Administration Headquarters, Washington, DC, ³Arctic Slope Regional Corporation (ASRC) Federal Solutions, Greenbelt, MD.

Introduction: NASA is committed to supporting a research environment that is fair and equitable. In order to promote opportunity for everyone, NASA is collecting demographic data from its research community with the aim of using this data to support program and process improvements. We will summarize the demographic data collected for the Science Mission Directorate and the Planetary Science Division and provide high-level analyses of proposed science teams. A companion study that investigates Planetary Science Division research activities in greater detail has been submitted by *Thompson et al.*[1]

<https://www2.ed.gov/about/offices/list/ope/ideas/eligibility.html#tips>.

Demographic Data Survey: NASA began collecting voluntary demographic information from research teams submitting proposals for research grants and proposal reviewers in 2016. This information was collected from individuals upon logging into the NASA Solicitation and Proposal Integrated Review and Evaluation System (NSPIRES). Initially, the survey included questions about the following demographic categories: gender, ethnicity, race, and disability. In 2019, the survey was updated to include an additional option for gender and add questions about career information, including: year of terminal degree, highest degree earned, career classification sector and career type. Where possible, newly collected demographic responses have been used to update demographic data back to 2014.

Institution Classifications: In addition to demographic information about proposing research teams, information about the institutions submitting proposals will be presented; institution type, Carnegie classification of research intensity[2], and Minority Serving Institution (MSI) classification [3,4].

Acknowledgments: We are thankful to the following NASA interns that helped to develop this work; Madeleine Tumbarello, Ankita Kc and Nazifa Taha.

References:

[1] Thompson M. et al. (2022) *Advancing IDEA in Planetary Science*, Abstract #2049. [2] Carnegie Classifications public data files, <http://carnegieclassifications.iu.edu/downloads/>. [3] NASA Minority Serving Institutions (MSI) List, https://www.nasa.gov/sites/default/files/atoms/files/edu_nasa_msi_list_aug_2021.pdf. [4] Eligibility Designations and Applications for Waiver of Eligibility Requirements,