

Dr. Pamela M. Marcum (Administrative PI)	
Current Support	
Title	ROSALIA: Roman's Sky Analyst for LSB Imaging & Astronomy
Source of Support	NASA/Roman Research & Support
Program POC	Dominic Benford; dominic.j.benford@nasa.gov
Sci PI	Alex Borlaff
Admin PI	Pamela Marcum
Award Period	09/01/2023–09/01/2027
FTE	0.25, 0.2, 0.2, 0.25 (Years 1,2,3,4 resp.)
Title	Extended Hot Gas Halos of Galaxies
Source of Support	NASA/ADAP
Program POC	Douglas Hudgins; (202) 358-0988; douglas.m.hudgins@nasa.gov
PI	Pamela Marcum
Sci PI	Alex Borlaff
Award Period	(anticipated) 04/15/2023–04/15/2026
Award Amount	\$995,417
FTE	0.35, 0.25, 0.40 (Years 1, 2, 3 resp.)
Title	STRAYCOR: Stray-light Background Correction for HST ACS and WFC3
Source of Support	NASA/HST Archive
Program POC	STScI/AURA; (410) 338-4200; gms_mail@stsci.edu
Sci PI	Alex Borlaff
Admin PI	Pamela Marcum
Award Period	(anticipated) 03/20/2023–03/20/2025
Award Amount	\$368,868
FTE	0.25, 0.25 (Years 1, 2, resp.)
Pending Grant Support (including this proposal)	
Title	(this proposal) Observing the Merger-induced Formation of a Nuclear Star Cluster in UGC 7346
Source of Support	NASA/HSTGOCY32
Program POC	STScI/AURA; (410) 338-4200; gms_mail@stsci.edu
Sci PI	Pedro Sanchez Alarcon
Admin PI	Pamela Marcum
Award Period	02/01/2026–02/01/2028
Award Amount	\$50,548
FTE	0.142 (Years 1-2)