

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

Dr. Pamela M. Marcum (Administrative PI)	
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<b>Sci PI</b>	Alex Borlaff
<b>Admin PI</b>	Pamela Marcum
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