

| Dr. Pamela M. Marcum (Science 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) |

| Dr. Pamela M. Marcum (Administrative PI) | |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Current Support | |
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| 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 |
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| 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 |
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