

**MMT Observing Programs**  
**May - August 2017**

SAO-2	Brown, Kilic	Merging White Dwarfs
SAO-3	Bonaca, Conroy, Caldwell	A Moving Mesh: Kinematics of Stellar Streams in the Milky Way Halo
SAO-4	Caldwell, Johnson, C., Olszewski, Mateo, Walker, Belokurov, Kuposov	Does the Dwarf Galaxy Crater 2 Have Any Dark Matter?
SAO-5	Sohn, Geller, Utsumi, Fabricant, Rines, Dell'Antonio	A Complete Redshift Survey for Nearby Massive Weak Lensing Clusters
SAO-6	Conroy, Bonaca, Caldwell, Dotter, Brown, Ting, Cargile, Johnson, B.	First Steps Toward a High Resolution Survey of Stars in the Halo
SAO-7	Graur	Imaging the Nearby Type Ia SN 2016coj a Year After Explosion
SAO-8	Milisavljevic, Patnaude, Chilingarian, Raymond, Kamble, Guillochon, Soderberg, Kirshner, Challis, Margutti, Drout	Multi-wavelength Observations of Supernovae (MMIRS)
SAO-9	Kamble, Milisavljevic, Soderberg, Kirshner, Challis, Villar	Unveiling the Energy Sources within Peculiar Core-Collapse Supernovae
SAO-10	Milisavljevic, Patnaude, Chilingarian, Raymond, Kamble, Guillochon, Soderberg, Kirshner, Challis, Margutti, Drout	Multi-wavelength Observations of Supernovae (Blue Channel)
SAO-11	Blanchard, Berger, Nicholl	Spectroscopic and Photometric Follow-up of SLSNe and TDEs from PSST (Blue Channel)
SAO-12	Chilingarian, Bauer, McLeod, Moran, Zolotukhin, Laporte, Katkov	Deep MMIRS Observations of 6 Extragalactic Fields
SAO-13	Blanchard, Berger, Nicholl	Spectroscopic and Photometric Follow-up of SLSNe and TDEs from PSST (MMTCam)
SAO-14	Shan, Johnson, J.	M-Dwarf RV Survey for Short-Period Binarity Statistics
SAO-15	MacLeod, Green, P.	Continued Spectroscopic Follow-up of Changing-Look Quasar Candidates

SAO-16	Benbow, Williams, Johnson	Parallel Observations to Determine Blazar Redshifts for Studies of the EBL
SAO-17	Benbow, Williams, Johnson	Determining Blazar Redshifts for Studies of the EBL
SAO-23	Johnson, C., Caldwell	Confirming Deep Mixing in M 13 Giants
SAO-24	Raymond, Slavin, Burkhart, Chilingarian, Blair	A Velocity Map of a Supernova Remnant Shock
SAO-25	Brown	Extreme Metal Poor Galaxies
SAO-26	Speagle, Eisenstein, Capak, Masters	Constraining Emission Line Contributions to Photometric Redshift Biases for Weak Lensing Cosmology Experiments
SAO-27	Chilingarian, Katkov, Grishin	Internal Dynamics of Recently Formed Ultra-Diffuse Galaxies
UAO-G1	Lim, Sung, Bessell	Probe into the Extended Main Sequence Turn-Off of the Galactic Populous Cluster M11
UAO-G31	Zheng, An, Cai, Fan	MMT/MMIRS Confirmation of the Most Massive Overdensities at $z = 2.24$
UAO-S108	Zabludoff, Yang, Kim, Smith, Jannuzi	Using Polarization to Reveal the Nature of Ly $\alpha$ Nebulae
UAO-S111	Smith, B., Windhorst, Frye, Cohen, Jansen	Optical Spectroscopy of GOODS North Galaxies at $z \geq 2.47$
UAO-S117	Willmer, Jansen, Windhorst, Rieke, M., Cohen, Frye, Ashcraft, Joshi	NIR Imaging of the JWST North Ecliptic Pole Early-Science GTO Program
UAO-S121	Stark, Tang	MMIRS Spectroscopy of Dwarf Star Forming Galaxies at $z \sim 2$
UAO-S154	Schindler, Fan, McGreer	First Determination of the Bright-End Quasar Luminosity Function at $z=3-5$
UAO-S163	Fang, Kim, Wilking	Spectroscopic Confirmation of New Members in the Serpens Star-forming Region
UAO-S168	Smith, N., Williams, G., Milne, Matheson, Zaritsky, Smith, P., Andrews, Fong, W.-F., Moe, Kilpatrick, Bilinski	AZTEC: Arizona Transient Exploration and Characterization
UAO-S180	Endsley, Stark, Mainali, Williams, C.	Understanding the Origin of High Ionization Nebular Lines in Young Galaxies at High Redshift

UAO-S189	Fong, Smith, Milne	Building a Complete Census of Short Gamma-ray Burst Host Galaxies
UAO-S190	Fong, Milne, Smith, Fan, Butler, Williams, G., Özel, Chornock, Berger	Target-of-Opportunity Programs at Steward: Rapid-response Observations of Gamma-ray Bursts
UAO-S193	Fan, Schindler, McGreer, Wang, Yang, Wu, Bañados, Venemans, Walter	A Survey of Luminous Quasars at $z > 7$ : Early Black Hole Growth and Reionization History
UAO-S200	Egami, Lewin	Bright Gravitational Arcs and Dense Cluster Fields Discovered by the Spitzer/IRAC-Snapshot Survey
UAO-S201	Fang, Kim, Hillenbrand	A Spectroscopic Survey of Young Stars in North American and Pelican Nebula
UAO-S202	Schlawin, Rieke, M., Rieke, G., Gáspár, Misselt	Identifying Flux Calibrators for JWST - Completion