

**MMT Observing Programs  
August - December 2017**

SAO-1	Fabricant, Moran, Kansky	Binospec Commissioning
SAO-2	Caldwell, Mateo, Olszewski, Walker	A Test of Binospec Velocity Precision
SAO-3	Eisenstein, Lee, J.H., Chilingarian	Boosting the Multiplex of Binospec with Slit Dots
SAO-4	Brown, Kilic	Merging White Dwarfs
SAO-5	Bonaca, Conroy, Caldwell	Kinematics of Triangulum Stellar Stream
SAO-6	Kenyon, Najita, Doppmann	IR Spectra of Taurus-Auriga Protostars
SAO-7	Conroy, Bonaca, Cargile, Caldwell, Dotter, Johnson, B., Kamdar	The H3 Survey: Hectochelle in the Halo at High Resolution
SAO-8	Sohn, Geller, Dell'Antonio, McCleary, Diaferio, Rines, Fabricant	A Complete Redshift Survey for Nearby Weak Lensing Cluster A2457
SAO-9	Eisenstein, Lee, J.H.	Testing DESI Emission-line Galaxy Selection with Binospec
SAO-10	Blanchard, Berger, Nicholl	Spectroscopic and Photometric Follow-up of SLSNe and TDEs from PSST (Blue Channel)
SAO-11	Douglas, Lopez-Morales, Meibom, Geller, A., Gosnell, Mann	The Impact of Companions on Stellar Rotational Evolution
SAO-12	Chilingarian, Bauer, McLeod, Moran, Zolotukhin, Laporte, Katkov	Deep MMIRS Observations of 5 Extragalactic Fields
SAO-13	Blanchard, Berger, Nicholl	Spectroscopic and Photometric Follow-up of SLSNe and TDEs from PSST (MMTCam)
SAO-14	Blanchard, Berger, Nicholl	Spectroscopic and Photometric Follow-up of SLSNe and TDEs from PSST (Binospec)

SAO-15	Shan, Johnson, J.	M-Dwarf RV Survey for Short-Period Binarity Statistics
SAO-16	Kamble, Milisavljevic, Soderberg, Kirshner, Challis, Villar	Unveiling the Energy Sources within Peculiar Core-Collapse Supernovae
SAO-17	MacLeod, Green, P.	Spectroscopic Follow-up of Changing-Look Quasar Candidates
SAO-18	Kirshner, Challis, Mandel, Avelino	Spectroscopic Identification of High-Redshift Type Ia SN from DES
SAO-19	Benbow, Williams, Johnson	Determining Blazar Redshifts for Studies of the EBL
SAO-20	Benbow, Williams, Johnson	Parallel Observations to Determine Blazar Redshifts for Studies of the EBL
UAO-G1	Lim, Sung, Kim, J.S., Rauw, Nazé	Searching for Kinematic Substructure of the Core Cluster IC 1805 in the Cas OB6 Association
UAO-G2	Yang, Y., Zabludoff, Kim, E., Battaia, Jeong, W.-S., Park, S.-J., Smith, P., Jannuzi, Lee, M.G.	Using Polarization to Reveal the Nature of Ly $\alpha$ Nebulae
UAO-G4	Chun, S.-H., Yoon, S.-C., Sohn, Y.-J., Bae, H.-J., Oh, H.	Spectral Properties of Red Supergiant Stars in Very Low-Metallicity Dwarf Irregular Galaxy IC 1613
UAO-G5	Koo, B.-C., Lee, Y.-H., Lee, J.-J.	Fe Contents of Fast-Moving Knots in the Cassiopeia A Supernova Remnant
UAO-G6	Yoon, S.-J., Han, S.-I., Kim, H.-S., Chung, C., Kim, S.	Super-helium-rich Giant Stars in Dwarf Galaxies
UAO-G31	Yerra, B.K., Fang, X.-S., Herczberg	Systematic Study of Lithium, Rotation and Stellar Activity in Pleiades
UAO-G33	Cheng, C., Huang, J., Willmer, Li, C., Jing, Y., Xu, H.	Extend SDSS: To the Faint End
UAO-G34	Gao, J., Jiang, B., Li, H.	MMT/Hectospec Spectral Observations for the Supernova Remnant Cassiopeia A
UAO-G35	Jiang, L.	Constraining the Faint End of the Quasar Luminosity Function at High Redshift
UAO-G40	Woodward, Wagner, Starrfield	MMT Reconnaissance Optical Spectroscopy of Faint CNe
UAO-G41	Scarlata, Mehta	Confirming the Most Extreme Starbursts

UAO-G45	Anguiano	High-Resolution Integrated-Light Spectroscopy of M33 Globular Cluster System
UAO-S100	Yang, J., Fan, Wang, F., López, S., Wu, X-B., McGreer	Probing the Gaseous Universe at the Post-Reionization Epoch
UAO-S101	Kim, Fang, Pascucci, Eisner, Apai, Allen	Characterizing YSOs in the Heart of the Orion Nebula Cluster and NGC 1977 Using MMT/MMIRS Multi-Object Spectroscopy
UAO-S102	Kim, Suárez, Román-Zuñiga, Fang, Downes, Walter	The Spectroscopic Initial Mass Function of a Young Star Cluster that Just Evolved from its Parental Cloud (II)
UAO-S103	Kim, Jose, Herczeg, Fang	Near-IR Spectroscopic Survey of Young Stars Associated with the Feedback Driven Star Forming Region AFGL333 in W3 Complex
UAO-S112	Patej, Fan, Rozo, Loeb, Dey	Surveying Galaxy Cluster Physics and Cosmology from the Cluster Outskirts
UAO-S113	Zabludoff, Yang, Y., Kim, E., Smith, P., Jannuzi, Battaia, Jeong, W.-S., Park, S.-J., Lee, M.G.	Using Polarization to Reveal the Nature of Ly $\alpha$ Nebulae
UAO-S117	Ly, Malkan	Recalibrating Strong-line Metallicity Diagnostics for $z \geq 1$ Chemical Enrichment Studies with T $_e$ -based Metallicities
UAO-S120	Willmer, Jansen, Windhorst, Rieke, M., Cohen, Frye, Ashcraft, Joshi	NIR Imaging of the JWST North Ecliptic Pole Early-Science GTO Program
UAO-S128	Zaritsky, Rudnick, Gilbank, Balogh, Old, Muzzin, Cooper, Wilson, van der Burg	The GOGREEN Survey of Dense Galaxy Environments at $1 < z < 1.5$
UAO-S132	Egami, Sun, F., Jiang, L.	Spectroscopic Identification of a Large Sample of Bright Lyman- $\alpha$ Emitter Candidates at $z \sim 3.7$
UAO-S135	Schlawin, Rieke, M., Rieke, G., Gáspár, Misselt	Identifying Flux Calibrators for JWST - Completion
UAO-S147	Schindler, Fan, McGreer	The Extremely Luminous Quasar Survey (ELQS) and the Bright-End Quasar Luminosity Function at $z=3-5$
UAO-S150	Neugent, Massey	The Masses of Wolf-Rayet Stars in M31 and M33
UAO-S154	Prato, Szentgyorgyi, Torres, Nofi	Mass Ratios & Masses of Young Spectroscopic Binaries in Orion

UAO-S155	Fang, Kim, Pascucci, Apai	A Spectroscopic Survey of Young Stars in the Orion's Belt and $\kappa$ Ori Regions of Orion
UAO-S160	Tang, Stark	MMIRS Spectroscopy of Dwarf Star Forming Galaxies at $z \sim 2$
UAO-S162	Smith, N., Williams, G., Milne, Matheson, Zaritsky, Smith, P., Andrews, Fong, W.-F., Moe, Kilpatrick, Bilinski	AZTEC: Arizona Transient Exploration and Characterization
UAO-S175	Esplin, Luhman	Searching for the Bottom of the IMF in Taurus
UAO-S182	Fan, Yang, J., Schindler, McGreer, Wang, F., Wu, X.-B., Bañados, Venemans, Walter	A Survey of Luminous Quasars at $z > 7$ : Early Black Hole Growth and Reionization History
UAO-S190	Milne, Fong, W.-F., Smith, N., Fan, Butler, Williams, G.	Target-of-Opportunity Programs at Steward: Rapid-response Observations of Gamma-ray Bursts
UAO-S195	UAO MMIRS Queue	UAO MMIRS Queue Observations
UAO-S196	UAO Hectochelle Queue	UAO Hectochelle Queue Observations