MMT Observing Programs

August-December 2018

SAO-1	Moran, Fabricant Chilingarian	*Binospec Calibration Data*
SAO-2	Berger, Margutti, Chornock	*Magellan Follow-up of Gravitational* Fong, Nicholl *Wave Events*
SAO-3	Berger, Eftekhari, Villar, Gomez, Margutti Chornock, Fong, Nicholls	*MMT Follow-up of Gravitational* Blanchard, *Wave Events*
SAO-4	Brown, Kilic	*Gravitational Wave Binaries*
SAO-5	Raymond, Boumis, Fesen Caldwell	*Non-Radiative Shock Waves in the old SNR G70.0-21.5*
SAO-6	Sohn, Utsumi, Fabricant, Diaferio, Del'Antonio, Geller	*A Complete Redshift Survey for Nearby Weak Rines, Lensing Cluster A2457*
SAO-7	Tacchella, Bordoloi, Naidu, Leja Onodera, Chilingarian, Conroy	*Transition Galaxy Survey: a Study of Quenching Galaxies*
SAO-8	Bonaca, Prince-Whelan, Conroy	*Three-dimensional kinematics of the GD-1 Caldwell stellar stream*
SAO-9	Conroy, Johnson, Cargile Bonaca	*The H3 Survey: The Milky Way's Stellar Halo at High Resolution with Hectochelle*
SAO-10	Weaver, McGruder, Osip Jordan, Apai, Lopez Morales	*ACCESS-North: Probing Exoplanet Atmospheres with MMT/Binospec*
SAO-11	Caldwell, Bhattacharya Arnaboldi	*Kinematics of M31 Disk and Spheroid using Planetary Nebulae*
SAO-12	Winston, Tolls, Hora	*Spectra in the SMOG: Studying Young Stellar Clusters in the Outer Galaxy*
SAO-13	Naidu, Cohen, Danieli, Gu, van Dokkum, Conroy	*Velocity Fields of Newly Discovered Ultra-Diffuse Galaxies*
SAO-14	Douglas, Mann, Gosnell	*The impact of companions on stellar rotational evolution (MMT)*
SAO-15	Chilingarian, Zolotukkhin, Afansiev, Grishin	*Internal dynamics of recently formed ultra-diffuse galaxies*

SAO-16	Blanchard, Gomez, Nicholls, Berger	*Spectroscopic and Photometric Follow-up of SLSNe and TDEs*
SAO-17	Macleod, Green	*Spectroscopic Follow-up of X-ray-Selected Strongly Variable Quasars*
SAO-18	Blanchard, Nicholls, Berger	*Spectroscopic and Photometric Follow-up of SLSNe and TDEs*
SAO-19	Patnaude, Weil, Fesen Milisavljevic	*Investigating the Nature of Cas A's Extraordinary Bipolar Jets*
SAO-20	Graur, Mandel, French Guillochon, Zahid	*The host galaxies of tidal disruption events*
SAO-21	Patnaude, Raymond, Margutti Milisavljevic	*Multiwavelength Observations of Supernovae*
SAO-22	Grindlay, Gomez	*DASCH Survey for Extreme Transients and BH-LMXBs*
SAO-23	Benbow, Johnson, Williams	*Determining Blazar Redshifts for Studies of the EBL*
UAO-G1	Kallivayalil, Weiner, Tollerud Mao, Behroozi, Wechsler, Geha	*The SAGA Project: How Unique is the Milky Way and its Satellite Population?*
UAO-G2	Kelly	*Minnesota SNe Study* UAO-S155 *Spectroscopy of Extreme Emission Line Galaxies at z ~2*
UAO-G3	Scarlata, Mehta	*Confirming the most extreme starbursts*
UAO-G4	Fong, Alexander, Paterson	*Rapid Observations of Gamma-ray Bursts and Gravitational Wave Signals*
UAO-G5	Terreran, Chornock, Milisavljevic Hajela, Alexander, Coppejan Miller, Margutti	*MMT-NU Transient Alliance*
UAO-G6	Johnson, Drout	*Revolutionizing Red and Yellow Supergiant Sample in M31*
UAO-G7	Miller	*Caught in the Act: Revealing the Progenitors of Type Ia Supernovae in the Hours After Explosion*
UAO-G8	Lim, Jang, Kim, Hong, Lee	*High-resolution spectroscopy for RGB and RRL stars in the globular cluster M15*
UAO-G9	Sung, J. Kim, S. Kim, Naze, Rauw, Lim	*Searching for Kinematic Substructure of the Core Cluster IC 1805 in the Cas OB6 Association*

UAO-G10	Rakshit, Woo	*Estimating black hole masses of Narrow line Seyfert 1 Galaxies using spectro-polarimetry*
UAO-G11	Kim, Lee, Jeong, Park, Jannuzi, Smith, Zabludoff, Yang	*Using Polarization to Reveal the Nature of Lya Nebulae*
UAO-G12	Jiang	*Constraining the Faint End of the Quasar Luminosity Function at High Redshift*
UAO-G13	Ulmer, Durret, Lopes, Adami	*Spectroscopic follow-up of two interacting Planck galaxy clusters*
UAO-S103	Esplin, Luhman	*Searching for Planetary-mass Brown Dwarf in Taurus*
UAO-S104	Ly, Malkan	*Recalibrating Strong-line Metallicity Diagnostic for z > 1 Chemical Enrichment Studies with Te-based Metallicities*
UAO-S105	Ly, Behroozi, Malkan Hayashi	*Dependence of Galactic Chemical Enrichment on Environment over 7 Gyr*
UAO-S106	Willmer, Frye, Rieke, Kim, Koekemoer, Ashcraft, Cohen, Jansen	*NIR Imaging of the JWST North Ecliptic Pole Time Domain Field*
UAO-S110	Neugent, Massey	*The Masses of Wolf-Rayet Stars in M31 and M33*
UAO-S111	Zaritsky, Hoestra, Muzzin, *van der Burg, Amorisco, Sand* O'Donnell, Donnerstein, Kadowaki	*Understanding the Origin of Ultra-Diffuse Galaxies in Clusters using MMT/Hectospec*
UAO-S112	Zaritsky, H3 Team, Bonaca, Conroy	*The H3 Survey and the Edge of Phase Space*
UAO-S114	Fang, Apai, Pascucci, Kim	*A spectroscopic survey of young stars in the Orion Belt and Ori regions of Orion*
UAO-S116	Fang, Kim	*A spectroscopic survey of young stellar population of Orion*
UAO-S121	N. Smith, Wyatt, Bilinski, Moe Andrews, P. Smith, Matheson, Milne, Williams, Sand	*AZTEC: Arizona Transient Exploration and Characterization*
UAO-S128	Yue, McGreer, Fan	*Changing-Look Quasars from BASS/DECaLS-SDSS: A Decade-Long Baseline for Quasar State Changes*
UAO-S133	Olszewski, Belokurov, Caldwell Koposov, Walker, Mateo	*Dwarf Galaxies and Halo Substructure in the Gaia DR2 Era*

UAO-S136	Pearce, Rockowitz, Avner Krantz, Weiner	*Visible spectra of space debris to study on-orbit aging and reddening*
UAO-S141	Zhang, Zaritsky	*How is Gas Distributed in Galaxy Halos?*
UAO-S144	Huang, Fan	*Unveiling the Monsters: Spectroscopic Confirmation and Characterization of the Most Massive Galaxies at z = 3 - 4*
UAO-S150	Zabludoff, Lee, Jeong, Park, Jannuzi, Smith, Kim Yang	*Using Polarization to Reveal the Nature of Lya Nebulae*
UAO-S151	Stark, Salmon, Frye, Mainali	*Toward an Understanding of the Stellar Populations and Gas Conditions in Reionization-Era Galaxies*
UAO-S152	Patej, Dey, Loeb, Rozo Fan, Frye	*Surveying Galaxy Cluster Physics and Cosmology from the Cluster Outskirts*
UAO-S155	Tang, Stark	*Spectroscopy of Extreme Emission Line Galaxies at z ~ 2*
UAO-S156	Willmer, Cotton, Ashby, Maksym Hasinger, Brisken, Frye, Cohen, Rieke, Windhorst, Jansen	*Identifying sources in the JWST/TDF with visible spectroscopy*
UAO-S161	Wagner, Woodward, Starrfield	*Post-Outburst Spectroscopic Evolution of Classical Novae*
UAO-S165	Joshi, Cohen, Rhoads, Malhotra *Windhorst*	*Tracing galaxy evolution leading up to cosmic noon - NIR spectroscopy of z ~ 2 massive galaxies*
UAO-S166	Fan, Walter, Venemans, Wu, Wang, Ly, Yue, Yang Schindler	*Exploring Early Black Hole Growth and Banados, Reionization History: A Survey of Luminous Quasars at z>7*
UAO-S171	Weiner, Behroozi, Mao, Geha Wechsler, Tollerud	*The SAGA Project: An Efficient Search for Dwarf Galaxy Satellites Around Milky Way-like Galaxies*
UAO-S172	Harris, Kikwaya, Lejoly Springman, Corliss, Howell Samarasinha, Mueller	*A Spectral Survey for Ices and Dust in the Halo of the Hyperactive Comet 46P/Wirtanen*
UAO-S173	Sand, Spekkens, Frye, Corsi, Christensen, Paschalidis, Ozel, Behroozi, Wyatt, Paterson Zabludoff, Fan, Matheson, Moe Bilinski, Lundquist, Milne, Andrews Williams, Smith, Fong	*Follow-up of Electromagnetic Counterparts to Gravitational Wave Events*

UAO-S176	Kim, Allen, Apai, Eisner Pascucci, Fang	*Characterizing YSOs in the Heart of the Orion Nebula Cluster and NGC 1977 using MMT/MMIRS multi-object spectroscopy*
UAO-S177	Senchyna, Stark	*Uncovering faint extremely metal-poor galaxies: windows on low-metallicity massive stars*
UAO-S178	Senchyna, Stark	*Constraining X-ray binary populations with extreme high-ionization emission lines*
UAO-S185	Zaritsky, Zhang	*Globular Clusters Throughout the Local Volume*
UAO-S186	Andrews, Rau, Guhathakurta Levesque, Williams, Sand	*Discovering Red Supergiants in NGC6946*
UAO-S187	Kim, Fang, Herczeg, Jose	*Near-IR spectroscopic survey of young stars associated with the feedback driven star forming region AFGL333 in W3 complex*
UAO-S189	Rackham, Osip, Lopez Morales Jordan, Apai, Bixel	*ACCESS: Probing Exoplanet Atmospheres and Enabling TESS Follow-up*
UAO-S190	Stark, Ouchi, Harikane, Tang Behroozi, Endsley	*MMT Spectroscopy of z ~ 4 - 7 Galaxies: Tracing Reionization with Lya Emissions*
UAO-S193	Kim, Downes, Fang, Suarez *Roman-Zuniga*	*The Spectroscopic Initial Mass Function of a Young Star Cluster that Just Evolved from its Parental Cloud (III)*
UAO-S194	Bender, Johnson, Ray, Frinchaboy	*Calibrating the Asteroseismic-Age Relation in Giant Stars using Open Clusters in K2 Campaign Fields*
UAO-S195	Williams, Giavalisco, Lee	*Extreme Feedback: the Drivers of Galactic-scale Outflows at High Redshift*