

Adam D. Myers
CURRICULUM VITAE
(January, 2022)

Department of Physics & Astronomy, *Phone: use email*
University of Wyoming, 1000 E. University *Fax: (307) 766-2652*
Dept. 3905, Laramie, WY 82071 *Email: geordiemyers@gmail.com*

EDUCATION

- 2004 Ph.D., Astrophysics, University of Durham, England
- 2000 M.Sci., 1st Class, Physics and Astronomy, University of Durham, England
- Title of Ph.D. Thesis: The Statistical Lensing of QSOs

ACADEMIC POSITIONS

- 2016-present Associate Professor, Department of Physics and Astronomy,
University of Wyoming
- 2011-2016 Assistant Professor, Department of Physics and Astronomy,
University of Wyoming
- 2011-2013 Humboldt Fellow, Max-Planck-Institut für Astronomie,
Heidelberg, Germany
- 2008-2011 Teaching Associate, Department of Astronomy,
University of Illinois at Urbana-Champaign
- 2007-2011 Research Scientist, Department of Astronomy,
University of Illinois at Urbana-Champaign
- 2004-2007 Postdoctoral Fellow, Department of Astronomy,
University of Illinois at Urbana-Champaign
- 2004-2006 Research Affiliate, National Center for Supercomputing Applications
(NCSA), University of Illinois at Urbana-Champaign
- 2000-2003 PPARC Student Fellow, Department of Physics, University of Durham,
England

TEACHING

University of Wyoming

(Quoted student ratings are the average across the six 5-option Teaching Evaluation categories; Presentation of Materials, Evaluating Students, Interaction with Students, Interaction During Office Hours, Intellectual Challenge, and Overall Assessment of Instruction. The single worst and single best score in each category have been dropped):

Fall 2021	<i>PHYS3000 Methods of Physics</i>	10 students
	<i>Student ratings: 5.00/5.00</i>	
Fall 2020	<i>PHYS3000 Methods of Physics</i>	24 students
	<i>Student ratings: 4.94/5.00</i>	
Fall 2019	<i>ASTR1050 Survey of Astronomy</i>	90 students
	<i>Student ratings: 4.65/5.00</i>	
Spring 2018	<i>ASTR1050 Survey of Astronomy</i>	68 students
	<i>Student ratings: 4.65/5.00</i>	
Fall 2017	<i>ASTR1050 Survey of Astronomy</i>	116 students
	<i>Student ratings: 4.61/5.00</i>	
Spring 2017	<i>ASTR5160 Astronomical Techniques II</i>	7 students
	<i>Student ratings: 4.60/5.00</i>	
Fall 2016	<i>ASTR1050 Survey of Astronomy</i>	105 students
	<i>Student ratings: 4.61/5.00</i>	
Spring 2016	<i>ASTR1050 Survey of Astronomy</i>	51 students
	<i>Student ratings: 4.84/5.00</i>	
Spring 2016	<i>ASTR1050 Survey of Astronomy</i>	60 students
	<i>Student ratings: 4.77/5.00</i>	
Spring 2015	<i>PHYS1220 Engineering Physics II</i>	49 students
	<i>Student ratings: 4.56/5.00</i>	
Spring 2015	<i>ASTR5160 Astronomical Techniques II</i>	5 students
	<i>Student ratings: 5.00/5.00</i>	
Spring 2014	<i>ASTR1050 Survey of Astronomy</i>	90 students
	<i>Student ratings: 4.73/5.00</i>	
Fall 2013	<i>ASTR1050 Survey of Astronomy</i>	77 students
	<i>Student ratings: 4.89/5.00</i>	

Spring 2013	<i>ASTR5160 Astronomical Techniques II</i>	9 students
	<i>Student ratings: 4.08/5.00</i>	
Fall 2012	<i>PHYS1220 Engineering Physics II</i>	62 students
	<i>Student ratings: 4.27/5.00</i>	
Spring 2012	<i>ASTR1050 Survey of Astronomy</i>	133 students
	<i>Student ratings: 4.64/5.00</i>	
Fall 2011	<i>ASTR1050 Survey of Astronomy</i>	80 students
	<i>Student ratings: 4.79/5.00</i>	

University of Illinois

Spring 2011	<i>ASTR100 Perspectives in Astronomy</i>	~220 students
	<i>Student ratings: Course Quality (4.3/5.0); Instructor's Performance (4.7/5.0)</i>	
Spring 2010	<i>ASTR100 Perspectives in Astronomy</i>	~160 students
	<i>Student ratings: Course Quality (4.5/5.0); Instructor's Performance (4.8/5.0)</i>	
Fall 2008	<i>ASTR100 Perspectives in Astronomy</i>	~180 students
	<i>Student ratings: Course Quality (4.2/5.0); Instructor's Performance (4.8/5.0)</i>	

PUBLICATIONS IN PROGRESS (see also <http://faraday.uwyo.edu/~admyers/pubs.html>)

(Wyoming students, REU students and postdoctoral scholars are underlined)

206. Martinez-Delgado D., Cooper A.P., Roman J., Pillepich A., Erkal D., Pearson S., Moustakas J., Laporte C.F.P., Laine S., Akhlaghi M. & 19 collaborators, 2022, [Hidden Depths in the Local Universe: the Stellar Stream Legacy Survey](#), Submitted to *Monthly Notices of the Royal Astronomical Society*, Under Review
205. Maithil J., Brotherton M.S., Shemmer O., Du P., Wang J.-M., **Myers A.D.**, McLane J.N., Dix C. & Matthews B.M., 2022, [Correcting the misestimation of black hole masses and accretion rates for luminous quasars across cosmic time](#), Submitted to *Monthly Notices of the Royal Astronomical Society*, Under Review
204. 340 members of the SDSS-IV collaboration; Abdurro'uf et al., 2022, [The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar and APOGEE-2 Data](#), Accepted to *The Astrophysical Journal Supplement*, Under Review
203. Petter G.C., Hickox R.C., Alexander D.M., Geach J.E., **Myers A.D.**, Rosario D.J., Fawcett V.A., Klindt L. & Whalen K.E., 2022, [Host Dark Matter Halos of SDSS Red and Blue Quasars: No Significant Difference in Large-scale Environment](#), Accepted to *The Astrophysical Journal*, Under Review

PUBLISHED WORKS (see also <http://faraday.uwyo.edu/~admyers/pubs.html>)

(Wyoming students, REU students and postdoctoral scholars are underlined)

Refereed Journal Articles:

202. Chaussidon E., Yeche C., Palanque-Delabrouille N., de Mattia A., **Myers A.D.**, Rezaie M., Ross A.J., Seo H.-J., Brooks D., Gaztanaga E., Kehoe R., Levi M.E., Newman J.A., Tarle G. & Zhang K., 2022, [Angular clustering properties of the DESI QSO target selection using DR9 Legacy Imaging Surveys](#), *Monthly Notices of the Royal Astronomical Society*, 509, 3904
201. Merz G., Rezaie M., Seo H.-J., Neveux R., Ross A.J., Beutler F., Percival W.J., Mueller E., Gil-Marín H., Rossi G., Dawson K., Brownstein J.R., **Myers A.D.**, Schneider D.P., Chuang C.-H., Zhao C., de la Macorra A. & Nitschelm C., 2021, [The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey quasar sample: Testing observational systematics on the Baryon Acoustic Oscillation measurement](#), *Monthly Notices of the Royal Astronomical Society*, 506, 2503
200. 99 members of the SDSS-IV collaboration; Alam et al., 2021, [The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Cosmological Implications from two Decades of Spectroscopic Surveys at the Apache Point observatory](#), *Physical Review D*, 103, 083533
199. Alam S., Ross N.P., Eftekharzadeh S., Peacock J.A., Comparat J., **Myers A.D.** & Ross A.J., 2021, [Quasars at intermediate redshift are not special; but they are often satellites](#), *Monthly Notices of the Royal Astronomical Society*, 504, 857
198. Zarrouk P., Mehdi R., Raichoor A., Ross A.J., Alam S., Blum R., Brookes D., Chuang C.-H., Cole S., Dawson K.S., Eisenstein D.J., Kehoe R., Landriau M., Moustakas J., **Myers A.D.**, Norberg P., Percival W.J., Prada F., Schubnell M., Seo H.-J., Tarlé G., Zhao C., 2021, [Baryon Acoustic Oscillations in the projected cross-correlation function between the eBOSS DR16 quasars and photometric galaxies from the DESI Legacy Imaging Surveys](#), *Monthly Notices of the Royal Astronomical Society*, 503, 2562
197. Ruiz-Macias O., Zarrouk P., Cole S., Baugh C.M., Norberg P., Lucey J., Dey A., Eisenstein D.J., Doel P., Gaztañaga E., Hahn C., Kehoe R., Kitanidis E., Landriau M., Lang D., Moustakas J., **Myers A.D.**, Prada F., Schubnell M., Weinberg D.H. & Wilson M. J., 2021, [Characterising the target selection pipeline for the Dark Energy Spectroscopic Instrument Bright Galaxy Survey](#), *Monthly Notices of the Royal Astronomical Society*, 502, 4328
196. Huang X., Storfer C., Gu A., Ravi V., Pilon A., Sheu W., Venguswamy R., Bankda S., Dey A., Landriau M., Lang D., Meisner A., Moustakas J., **Myers A.D.**, Sajith R., Schlafly E.F. & Schlegel D.J., 2021, [Discovering New Strong Gravitational Lenses in the DESI Legacy Imaging Surveys](#), *The Astrophysical Journal*, 909, 27
195. Zhou R., Newman J.A., Mao Y.-Y., Meisner A., Moustakas J., **Myers A.D.**, Prakash A.,

- Zentner A.R., Brooks D., Duan Y., Landriau M., Levi M.E., Prada F. & Tarle G., 2021, [The Clustering of DESI-like Luminous Red Galaxies Using Photometric Redshifts](#), *Monthly Notices of the Royal Astronomical Society*, 501, 3309
194. Burrows A.C., Borowczak M., **Myers A.**, Schwortz A.C. & McKim C., 2021, [Integrated STEM for Teacher Professional Learning and Development: “I Need Time for Practice”](#), *Education Sciences*, 11, 21
193. Matthews B.M., Shemmer O., Dix C., Brotherton M.S., **Myers A.D.**, Andruchow I., Brandt W.N., Ferrero G.A., Gallagher S.C., Green R., Lira P., Plotkin R.M., Richards G.T., Runnoe J.C., Schneider D.P., Shen Y., Strauss M.A. & Wills B.J., 2021, [Placing High-Redshift Quasars in Perspective: a Catalog of Spectroscopic Properties from the Gemini Near Infrared Spectrograph–Distant Quasar Survey](#), *The Astrophysical Journal Supplement*, 252, 15
192. Zhang Y., Pullen A.R., Alam S., Singh S., Burtin E., Chuang C.-H., Hou J., Lyke B.W., **Myers A.D.**, Neveux R. Ross A.J., Rossi G. & Zhao C., 2021, [Testing general relativity on cosmological scales at redshift \$z \sim 1.5\$ with quasar and CMB lensing](#), *Monthly Notices of the Royal Astronomical Society*, 501, 1013
191. Raichoor A., de Mattia A., Ross A.J., Zhao C. & 36 members of the SDSS-IV collaboration, 2021, [The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: large-scale structure catalogues and measurement of the isotropic BAO between redshift 0.6 and 1.1 for the Emission Line Galaxy Sample](#), *Monthly Notices of the Royal Astronomical Society*, 500, 3254
190. Hou J., Sanchez A.G., Ross A.J., Smith A., Neveux R., Bautista J., Burtin E., Zhao C., Scoccimarro R. & 21 members of the SDSS-IV collaboration, 2021, [The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: BAO and RSD measurements from anisotropic clustering analysis of the quasar sample in configuration space between redshift 0.8 and 2.2](#), *Monthly Notices of the Royal Astronomical Society*, 500, 1201
189. Garcia-Vergara C., Hodge J., Hennawi J.F., Weiss A., Wardlow J., **Myers A.D.** & Hickox R.C., 2020, [The Clustering of Submillimeter Galaxies Detected with ALMA](#), *The Astrophysical Journal*, 904, 2
188. Masini A., Hickox R.C., Carroll C.M. & 30 members of the Chandra Deep Wide-field collaboration, 2020, [The Chandra Deep Wide-field Survey: A New Chandra Legacy Survey in the Boötes Field. I. X-Ray Point Source Catalog, Number Counts, and Multiwavelength Counterparts](#), *The Astrophysical Journal Supplement*, 251, 2
187. Smith A., Burtin E., Hou J., Neveux R., Ross A.J. & 15 members of the SDSS-IV collaboration, 2020, [The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: N-body mock challenge for the quasar sample](#), *Monthly Notices of the Royal Astronomical Society*, 499, 269

186. Neveux R., Burtin E., de Mattia A., Smith A., Ross A.J., Hou J. & 19 members of the SDSS-IV collaboration, 2020, [The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: BAO and RSD measurements from the anisotropic power spectrum of the quasar sample between redshift 0.8 and 2.2](#), *Monthly Notices of the Royal Astronomical Society*, 499, 210
185. du Mas des Bourboux H., Rich J., Font-Ribera A., de Sainte Agathe V., Farr J., Etourneau T., Le Goff J.-M., Cuceu A. & 31 members of the SDSS-IV collaboration, 2020, [The Completed SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations with Ly \$\alpha\$ Forests](#), *The Astrophysical Journal*, 901, 153
184. Ross A.J., Bautista J., Tojeiro R. & 53 members of the SDSS-IV collaboration, 2020, [The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Large-scale structure catalogues for cosmological analysis](#), *Monthly Notices of the Royal Astronomical Society*, 498, 2354
183. [Lyke B.W.](#), [Higley A.N.](#), [McLane J.N.](#), [Schurhammer D.P.](#), **Myers A.D.**, Ross A.J., Dawson K., Chabanier S., Martini P., Busca N.G., du Mas des Bourboux H., Salvato M., Streblyanska A., Zarrouk P., Burtin E. & 22 members of the SDSS-IV collaboration, 1
182. Ravoux C., Armengaud E., Walther M., Etourneau T., Pomarede D., Palanque-Delabrouille N., Yeche C., Bautista J., du Mas des Bourboux H., Chabanier S., Dawson K., Le Goff J.-M., [Lyke B.](#), **Myers A.D.**, Petitjean P., Pieri M.M., Rich J., Rossi G. & Schneider D.P., 2020, [A tomographic map of the large-scale matter distribution using the eBOSS—Stripe 82 Ly \$\alpha\$ forest](#), *The Journal of Cosmology and Astroparticle Physics*, 07, 010
181. Burleigh K.J., Landriau M., Dey A., Lang D., Schlegel D.J., Nugent P.E., Blum R., [Findlay J.R.](#), [Finkbeiner D.P.](#), Herrera D., Honscheid K., Juneau S., McGreer I., Meisner A.M., Moustakas J., **Myers A.D.**, Patej A., Schlafly E.F., Valdes F., Walker A.R., Weaver B.A. & Yèche C., 2020, [Dynamic Observing and Tiling Strategies for the DESI Legacy Surveys](#), *The Astronomical Journal*, 160, 61
180. 313 members of the SDSS-IV collaboration; Ahumada et al., 2020, [The Sixteenth Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra](#), *The Astrophysical Journal Supplement*, 249, 3
179. Huang X., Domingo M., Pilon A., Ravi V., Storfer C., Schlegel D.J., Bailey S., Dey A., Herrera D., Juneau S., Landriau M., Lang D., Meisner A., Moustakas J., **Myers A.D.**, Schlafly E.F., Valdes F., Weaver B.A., Yang J. & Yeche C., 2020, [Finding Strong Gravitational Lenses in the DESI DECam Legacy Survey](#), *The Astrophysical Journal*, 894, 78
178. Dix C., Shemmer O., Brotherton M.S., Green R.F., [Mason M.](#) & **Myers A.D.**, 2020, [Prescriptions for Correcting Ultraviolet-Based Redshifts for Luminous Quasars at High](#)

[Redshift](#), *The Astrophysical Journal*, 893, 14

177. Bhowmick A.K., DiMatteo T. & **Myers A.D.**, 2020, [Multiplicity functions of quasars: Predictions from the MassiveBlackII simulation](#), *Monthly Notices of the Royal Astronomical Society*, 492, 5620
176. Bonaca A., Pearson S., Price-Whelan A.M., Dey A., Geha M., Kallivayalil N., Moustakas J., Munoz R., **Myers A.D.**, Schlegel D.J. & Valdes F., 2020, [Variations in the width, density, and direction of the Palomar 5 tidal tails](#), *The Astrophysical Journal*, 889, 70
175. Whalen K.E., Hickox R.C., DiPompeo M.A., Richards G.T. & **Myers A.D.**, 2020, [Physical Models for the Clustering of Obscured and Unobscured Quasars](#), *The Astrophysical Journal*, 888, 71
174. Zou H., Zhou X., Fan X., Zhang T., Zhou Z., Peng X., Nie J., Jiang L., McGreer I., Zheng C., Chen G., Chen X., Dey A., Fan D., [Findlay J.R.](#) & 33 members of the BASS collaboration, 2019, [The Third Data Release of the Beijing–Arizona Sky Survey](#), *The Astrophysical Journal Supplement*, 245, 4
173. Wang F., Yang J., Fan X., Wu X.-B., Yue M., Li J.-T., Bian F., Jiang L., Banados E., Schindler J.-T., [Findlay J.R.](#), Davies F.B., Decarli R., Farina E.P., Green R., Hennawi J.F., Huang Y.-H., Mazzuccheli C., McGreer I.D., Venemans B., Walter F., Dye S., [Lyke B.W.](#), **Myers A.D.** & [Haze Nunez E.](#), 2019, [Exploring Reionization-Era Quasars III: Discovery of 16 Quasars at \$6.4 < z < 6.9\$ with DESI Legacy Imaging Surveys and UKIRT Hemisphere Survey and Quasar Luminosity Function at \$z \sim 6.7\$](#) , *The Astrophysical Journal*, 884, 330
172. Gross A.C., Fu H., **Myers A.D.**, Wrobel J.M. & Djorgovski S.G., 2019, [X-Ray Properties of Radio-selected Dual Active Galactic Nuclei](#), *The Astrophysical Journal*, 883, 50
171. [Eftekharzadeh S.](#), **Myers A.D.** & Kourkchi E., 2019, [A Halo Occupation Interpretation Of Quasars at \$z \sim 1.5\$ Using Very Small Scale Clustering Information](#), *Monthly Notices of the Royal Astronomical Society*, 486, 274
170. du Mas des Bourboux H., Dawson K.S., Busca N.G., Blomqvist M., de Sainte Agathe V., Balland C., Bautista J.E., Guy J., Kamble V., **Myers A.D.** & 5 members of the SDSS-IV collaboration, 2019, [The extended Baryon Oscillation Spectroscopic Survey: measuring the cross-correlation between the MgII flux transmission field and quasars and galaxies at \$z=0.59\$](#) , *The Astrophysical Journal*, 878, 47
169. Bhowmick A.K., DiMatteo T., [Eftekharzadeh S.](#) & **Myers A.D.**, 2019, [On the small scale clustering of quasars: constraints from the MassiveBlack II simulation](#), *Monthly Notices of the Royal Astronomical Society*, 485, 2026
168. Dey A., Schlegel D.J., Lang D., Blum R., Burleigh K., Fan X., [Findlay J.R.](#), Finkbeiner D., Herrera D., Juneau S. & 143 members of the DESI Legacy Imaging Surveys collaboration, 2019, [Overview of the DESI Legacy Imaging Surveys](#), *The*

167. [Kasper D.H., Cole J.L., Gardner C.N., Garver B.R., Jarka K.L., Kar A., McGough A.M., PeQueen D.J., Rivera D.I., Jang-Condell H., Kobulnicky H.A., Myers A.D. & Dale D.A., 2019, A Transmission Spectrum Of HD 189733b From Multiple Broadband Filter Observations, *Monthly Notices of the Royal Astronomical Society*, 483, 3781](#)
166. Geach J.E., Peacock J.A., **Myers A.D.**, Hickox R.C., Burchard M.C. & Jones M.L., 2019, [The Halo Mass of Optically Luminous Quasars at \$z \approx 1-2\$ Measured via Gravitational Deflection of the Cosmic Microwave Background](#), *The Astrophysical Journal*, 874, 85
165. 234 members of the SDSS-IV collaboration; Aguado et al., 2019, [The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA Derived Quantities, Data Visualization Tools and Stellar Library](#), Accepted to *The Astrophysical Journal Supplement*, Under Review
164. Zhao G.-B., Wang Y., Saito S., Gil-Marín H., Percival W.J., Wang D., Chuang C.-H., Ruggeri R., Mueller E.-M., Zhu F., Ross A.J., Tojeiro R., Paris I., **Myers A.D.**, Tinker J.L., Burtin E., Zarrouk P. & 12 members of the SDSS-IV collaboration, 2019, [The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: a tomographic measurement of cosmic structure growth and expansion rate based on optimal redshift weights](#), *Monthly Notices of the Royal Astronomical Society*, 482, 3497
163. Sameer, Brandt W.N., Anderson S.F., Hall P.B., Vivek M., Filiz Ak N., Grier C.J., Ahmed N.S., Luo B., **Myers A.D.**, Rodriguez Hidalgo P., Ruan J. & Schneider D.P., 2019, [X-ray and multi-epoch optical/UV investigations of BAL to non-BAL quasar transformations](#), *Monthly Notices of the Royal Astronomical Society*, 482, 1121
162. Yan W., Hickox R.C., Hainline K.N., Stern D., Lansbury G., Alexander D.M., Hviding R.E., Assef R.J., Ballantyne D.R., DiPompeo M.A., Lanz L., Carroll C.M., Koss M., Lamperti I., Civano F., Del Moro A., Gandhi P. & **Myers A.D.**, 2019, [NuSTAR and Keck Observations of Heavily Obscured Quasars Selected by WISE](#), *The Astrophysical Journal*, 870, 33
161. Hou J., Sanchez A.G., Scoccimarro R., Salazar-Albornoz S., Burtin E., Gil-Marín H., Percival W.J., Ruggeri R., Zarrouk P., Zhao G.-B. & 13 members of the SDSS-IV collaboration, 2018, [The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: anisotropic clustering analysis in configuration-space](#), *Monthly Notices of the Royal Astronomical Society*, 480, 2521
160. Zou H., Zhang T., Zhou Z., Peng X., Nie J., Zhou X., Fan X., Jiang L., McGreer I., Dey A., Fan D., [Findlay J.R.](#) & 20 members of the BASS collaboration, 2018, [The Second Data Release of the Beijing–Arizona Sky Survey](#), *The Astrophysical Journal Supplement*, 237, 37

159. Chakraborty P., Chatterjee S., Dutta A. & **Myers A.D.**, 2018, [Mean Occupation Function of High-redshift Quasars from the Planck Cluster Catalog](#), *Publications of the Astronomical Society of the Pacific*, 130, 064001
158. Zarrouk P., Burtin E., Gil-Marin H., Ross A.J., Tojeiro R., Paris I., Dawson K.S., **Myers A.D.**, Percival W.J., Chuang C.-H., Zhao G.-B. & 27 members of the SDSS-IV collaboration, 2018, [The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: measurement of the growth rate of structure from the anisotropic correlation function between redshift 0.8 and 2.2](#), *Monthly Notices of the Royal Astronomical Society*, 477, 1639
157. Gil-Marin H., Guy J., Zarrouk P., Burtin E., Chuang C.-H., Percival W.J., Ross A.J., Ruggeri R., Tojeiro R., Zhao G.-B., Wang Y., Bautista J., Hou J., Sanchez A.G., Paris, I. & 12 members of the SDSS-IV collaboration, 2018, [The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: structure growth rate measurement from the anisotropic quasar power spectrum in the redshift range \$0.8 < z < 2.2\$](#) , *Monthly Notices of the Royal Astronomical Society*, 477, 1604
156. Wang D., Zhao G.-B., Wang Y., Percival W.J., Ruggeri R., Zhu F., Tojeiro R., **Myers A.D.**, Chuang C.-H., Baumgarten F., Zhao C., Gil-Marin H., Ross A.J., Burtin E., Zarrouk P. & 7 members of the SDSS-IV collaboration, 2018, [The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: Anisotropic Baryon Acoustic Oscillations measurements in Fourier-space with optimal redshift weights](#), *Monthly Notices of the Royal Astronomical Society*, 477, 1528
155. Mitra K., Chatterjee S., DiPompeo M.A., **Myers A.D.** & Zheng Z., 2018, [The Halo Occupation Distribution of obscured quasars: revisiting the unification model](#), *Monthly Notices of the Royal Astronomical Society*, 477, 45
154. Findlay J.R., Prochaska J.X., Hennawi J.F., Fumagalli M., **Myers A.D.**, Bartle S., Chehade B., DiPompeo M.A., Shanks T., Lau M.W. & Rubin K.H.R., 2018, [Quasars Probing Quasars. X. The Quasar Pair Spectral Database](#), *The Astrophysical Journal Supplement*, 236, 44
153. Timlin J.D., Ross N.P., Richards G.T., **Myers A.D.**, Pellegrino A., Bauer F.E., Lacy M., Schneider D.P., Wollack E.J. & Zakamska N.L., 2018, [The Clustering of High-Redshift \(\$2.9 \leq z \leq 5.1\$ \) Quasars in SDSS Stripe 82](#), *The Astrophysical Journal*, 859, 20
152. Paris I., Petitjean P., Aubourg E., **Myers A.D.**, Streblyanska A., Lyke B.W. & 34 members of the SDSS-IV collaboration, 2018, [The Sloan Digital Sky Survey quasar catalog: fourteenth data release](#), *Astronomy & Astrophysics*, 613, 51
151. 327 members of the SDSS-IV collaboration; Abolfathi et al., 2018, [The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the extended Baryon Oscillation Sky Survey and from the second phase of the Apache Point Observatory Galactic Evolution Experiment](#), *The Astrophysical Journal Supplement*, 235, 42

150. 63 members of the SDSS-IV collaboration; Ata et al., 2018, [The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: First measurement of Baryon Acoustic Oscillations between redshift 0.8 and 2.2](#), *Monthly Notices of the Royal Astronomical Society*, 473, 4773
149. MacLeod C.L., Green P.J., Anderson S.F., Eracleous M., Ruan J.J., Runnoe J., Brandt W.N. & 30 members of the SDSS-IV collaboration, 2018, [The Time-Domain Spectroscopic Survey: Target Selection for Repeat Spectroscopy](#), *The Astrophysical Journal*, 155, 6
148. 338 members of the SDSS-IV collaboration; Albareti et al., 2017, [The Thirteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey MAPPING Nearby Galaxies at Apache Point Observatory](#), *The Astrophysical Journal Supplement*, 233, 25
147. Hickox R.C., **Myers A.D.**, Greene, J.E., Hainline K.N., Zakamska N.L. & DiPompeo M.A., 2017, [Composite Spectral Energy Distributions and Infrared-Optical Colors of Type 1 and Type 2 Quasars](#), *The Astrophysical Journal*, 849, 53
146. Laurent P., Eftekharzadeh S., Le Goff J.-M., **Myers A.D.**, Burtin E., White M., Ross A., Tinker J., Tojeiro R. & 16 members of the SDSS-IV collaboration, 2017, [Clustering of quasars in SDSS-IV eBOSS: study of potential systematics and bias determination](#), *The Journal of Cosmology and Astroparticle Physics*, 7, 017
145. Blanton M.R., Bershadsky M.A. & 351 members of the SDSS-IV collaboration, 2017, [Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies and the Distant Universe](#), *The Astronomical Journal*, 154, 28
144. **Mason M.**, Brotherton M. & **Myers A.**, 2017, [Evaluating and Improving the Redshifts of \$z > 2.2\$ Quasars](#), *Monthly Notices of the Royal Astronomical Society*, 469, 4675
143. DiPompeo M.A., Hickox R.C., Eftekharzadeh S. & **Myers A.D.**, 2017, [The characteristic halo masses of half-a-million WISE-selected quasars](#), *Monthly Notices of the Royal Astronomical Society*, 469, 4630
142. Ntelis P., Hamilton J.-C., Guillermo Busca N., Aubourg E., Laurent P., Le Goff J.-M., Rich J., Burtin E., du Mas des Bourboux H., Palanque Delabrouille N., Delubac T., Eftekharzadeh S., Hogg D.W., **Myers A.**, Vargas-Magaña M., Pâris I., Petitjean P., Rossi G., Schneider D.P., Tojeiro R. & Yeche C., 2017, [Exploring cosmic homogeneity with the BOSS DR12 galaxy sample](#), *The Journal of Cosmology and Astroparticle Physics*, 6, 019
141. Dwelly T., Salvato M., Merloni A., Brusa M., Buchner J. & 17 members of the SDSS-IV collaboration, 2017, [SPIDERS: Selection of spectroscopic targets using AGN candidates detected in all-sky X-ray surveys](#), *Monthly Notices of the Royal Astronomical Society*, 469, 1065
140. Surovell T.A., Toohy J.L., **Myers A.D.**, LaBelle J.M., Ahern J.C.M. & Reisig B., 2017,

139. Wang F., Fan X., Yang J., Wu X-B., Yang Q., Bian F., McGreer I.D., Li J-T., Li Z., Ding J., Dey A., Dye S., Findlay J.R., Green R., James D., Jiang L., Lang D., Lawrence A., **Myers A.D.**, Ross N.P., Schlegel D.J. & Shanks T., 2017, [First Discoveries of \$z>6\$ Quasars with the DECam Legacy Survey and UKIRT Hemisphere Survey](#), *The Astrophysical Journal*, 839, 27
138. [Eftekharzadeh S.](#), **Myers A.D.**, Hennawi J.F., Djorgovski S.G., Richards G.T., Mahabal A.A. & Graham M.J., 2017, [Clustering on very small scales from a large sample of confirmed quasar pairs: Does quasar clustering track from Mpc to kpc scales?](#), *Monthly Notices of the Royal Astronomical Society*, 468, 77
137. Delubac T., Raichoor A., Comparat J., Jouvel S., Kneib J.-P., Yèche C., Zou H., Brownstein J.R. & 12 members of the SDSS-IV collaboration, 2017, [The SDSS-IV eBOSS: emission line galaxy catalogues at \$z=0.8\$ and study of systematic errors in the angular clustering](#), *Monthly Notices of the Royal Astronomical Society*, 465, 1831
136. DiPompeo M.A., Hickox R.C., **Myers A.D.** & Geach J.E., 2017, [A unifying evolutionary framework for infrared-selected obscured and unobscured quasar host haloes](#), *Monthly Notices of the Royal Astronomical Society*, 464, 3526
135. Paris I., Petitjean P., Ross N.P., **Myers A.D.**, Aubourg E., Streblyanska A., Bailey S., Armengaud E., Palanque-Delabrouille N., Yèche C., Hamann F., Strauss M. & 34 members of the SDSS-III collaboration, 2017, [The Sloan Digital Sky Survey quasar catalog: twelfth data release](#), *Astronomy & Astrophysics*, 597, 79
134. Jensen T.W., Vivek M., Dawson K.S. & 17 members of the SDSS-III collaboration, 2016, [Spectral Evolution in High Redshift Quasars from the Final Baryon Oscillation Spectroscopic Survey Sample](#), *The Astrophysical Journal*, 833, 199
133. Hutchinson T.A., Bolton A.S., Dawson K.S., Allende Prieto C., Bailey S., Bautista J.E., Brownstein J.R., Conroy C., Guy J., **Myers A.D.**, Newman J.A., Prakash A., Carnero-Rosell A., Seo H.-J., Tojeiro R., Vivek M. & Ben Zhu G., 2016, [Redshift Measurement and Spectral Classification for eBOSS Galaxies with the Redmonster Software](#), *The Astronomical Journal*, 152, 205
132. [Findlay J.R.](#), Kobulnicky H.A., Weger J.S., Bucher G.A., Perry M.C., **Myers A.D.**, Pierce M.J. & Vogel C., 2016, [A Wide-Field Camera and Fully Remote Operations at the Wyoming Infrared Observatory](#), *Publications of the Astronomical Society of the Pacific*, 128, 115003
131. Laurent P., Le Goff J.-M., Burtin E., Hamilton J.-C., Hogg D.W., **Myers A.D.**, Ntelis P., Paris I., Rich J., Aubourg E. & 10 members of the SDSS-III and SDSS-IV collaboration, 2016, [A \$14 h^{-3} \text{Gpc}^3\$ study of cosmic homogeneity using BOSS DR12 quasar sample](#), *The Journal of Cosmology and Astroparticle Physics*, 11, 060

130. Ruan J.J., Anderson S.F., Green P.J., Morganson E., Eracleous M., **Myers A.D.** & 24 members of the SDSS-III and SDSS-IV collaboration, 2016, [The Time-Domain Spectroscopic Survey: Understanding the Optically Variable Sky with SEQUELS in SDSS-III](#), *The Astrophysical Journal*, 825, 137
129. Timlin J.D., Ross N.P., Richards G.T., Lacy M., Ryan E.L., Stone R.B. & 15 members of the SpIES collaboration, 2016, [SpIES: The Spitzer IRAC Equatorial Survey](#), *The Astrophysical Journal Supplement*, 225, 1
128. DiPompeo M.A., Runnoe J.C., Hickox R.C., **Myers A.D.** & Geach J.E., 2016, [The Impact of the Dusty Torus on Obscured Quasar Halo Mass Measurements](#), *Monthly Notices of the Royal Astronomical Society*, 460, 175
127. Prakash A., Licquia T.C., Newman J.A., Ross A.J., **Myers A.D.**, Dawson K.S., Kneib J-P., Percival W.J., Bautista J.E., Comparat J., Tinker J.L., Schlegel D.J., Tojeiro R., Ho S., Lang D., Rao S.M., McBride C. & 12 members of the SDSS-IV collaboration, 2016, [The SDSS-IV extended Baryonic Oscillation Spectroscopic Survey: Luminous Red Galaxy Target Selection](#), *The Astrophysical Journal Supplement*, 224, 34
126. Harris D.W., Jensen T.W., Suzuki N., Bautista J.E., Dawson K.S., Vivek M. & 9 members of the SDSS-IV collaboration, 2016, [The Composite Spectrum of BOSS Quasars Selected for Studies of the Lyman-alpha Forest](#), *The Astronomical Journal*, 151, 155
125. Burrows A.C., DiPompeo M.A., **Myers A.D.**, Hickox R.C., Borowczak M., French D.A. & Schwartz A.C., 2016, [Authentic Science Experiences: Pre-Collegiate Science Educators' Successes and Challenges During Professional Development](#), *Problems of Education in the 21st Century*, 70, 59
124. Croft R.A.C., Miralda-Escude J., Zheng Z., Bolton A., Dawson K.S., Peterson J.B., York D.G., Eisenstein D. & 20 members of the SDSS-IV collaboration, 2016, [Large-scale clustering of Lyman-alpha emission intensity from SDSS/BOSS](#), *Monthly Notices of the Royal Astronomical Society*, 457, 3541
123. Zhao G-B., Wang Y., Ross A.J., Shandera S., Percival W.J., Dawson K.S., Kneib J-P., **Myers A.D.** & 23 members of the SDSS-IV collaboration, 2016, [The extended Baryon Oscillation Spectroscopic Survey \(eBOSS\): a cosmological forecast](#), *Monthly Notices of the Royal Astronomical Society*, 457, 2377
122. McGreer I., Eftekharzadeh S., **Myers A.D.**, & Fan X., 2016, [A Constraint on Quasar Clustering at \$z=5\$ from a Binary Quasar](#), *The Astronomical Journal*, 151, 61
121. Palanque-Delabrouille N., Magneville Ch., Yèche Ch., Paris I., Petitjean P., Burtin E., Dawson K., McGreer I., **Myers A.D.**, Rossi G., Schlegel D., Schneider D., Streblyanska A. & Tinker J., 2016, [The Extended Baryon Oscillation Spectroscopic Survey: Variability Selection and Quasar Luminosity Function](#), *Astronomy & Astrophysics*, 587, 41
120. Dawson K.S., Kneib J-P., Percival W.J. & 142 members of the SDSS-IV collaboration,

- 2016, [The SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Overview and Early Data](#), *The Astronomical Journal*, 151, 44
119. [DiPompeo M.A., Hickox R.C. & Myers A.D., 2016, Updated measurements of the dark matter halo masses of obscured quasars with improved WISE and Planck data](#), *Monthly Notices of the Royal Astronomical Society*, 456, 924
118. 93 members of the SDSS-III collaboration; Aubourg et al., 2015, [Cosmological implications of baryon acoustic oscillation \(BAO\) measurements](#), *Physical Review D*, 92, 123516
117. Fu H., Wrobel J.M., **Myers A.D.**, Djorgovski S.G. & Yan L., 2015, [Binary Active Galactic Nuclei in Stripe 82: Constraints on Synchronized Black Hole Accretion in Major Mergers](#), *The Astrophysical Journal Letters*, 815, 6
116. **Myers A.D.**, Palanque-Delabrouille N., Prakash A., Paris I., Yèche Ch., Dawson K.S., Bovy J., Lang D., Schlegel D.J., Newman J.A., Petitjean P., Kneib J.-P., Laurent P., Percival W.J., Ross A.J., Seo H.-J., Tinker J.L. & 21 members of the SDSS-IV collaboration, 2015, [The SDSS-IV extended Baryonic Oscillation Spectroscopic Survey: Quasar Target Selection](#), *The Astrophysical Journal Supplement*, 221, 27
115. Surovell T.A., [Pelton S.R.](#), Anderson-Sprecher R. & **Myers A.D.**, 2016, [Test of Martin's overkill hypothesis using radiocarbon dates on extinct megafauna](#), *Proceedings of the National Academy of Sciences*, 113 (4), 886
114. Peters C.M., Richards G.T., **Myers A.D.**, Strauss M.A., Schmidt K.B., Ivezić Z., Ross N.P., MacLeod C.L. & Riegel R.N., 2015, [Quasar Classification Using Color and Variability](#), *The Astrophysical Journal*, 811, 95
113. Ross N.P., Hamann F., Zakamska N.L., Richards G.T., Villforth C., Strauss M.A., Greene J.E., Alexandroff R., Brandt W.N., Liu G., **Myers A.D.**, Paris I. & Schneider D.P., 2015, [Extremely Red Quasars from SDSS, BOSS and WISE: Classification of Optical Spectra](#), *Monthly Notices of the Royal Astronomical Society*, 453, 3932
112. [Eftekharzadeh S.](#), **Myers A.D.**, White M., Weinberg D.H., Schneider D.P., Shen Y., Font-Ribera A., Ross N.P., Paris I. & Streblyanska A., 2015, [Clustering of intermediate redshift quasars using the final SDSS III-BOSS sample](#), *Monthly Notices of the Royal Astronomical Society*, 453, 2779
111. Lundgren B., Kinemuchi K., Zasowski G., Lucatello S., Diamond-Stanic A.M., Tremonti C.A., **Myers A.D.**, Aragon-Salamanca A., Gillespie B., Ho S. & Gallagher J.S., 2015, [The SDSS-IV in 2014: A Demographic Snapshot](#), *Publications of the Astronomical Society of the Pacific*, 127, 776
110. [Chatterjee S.](#), Newman J.A., Jeltema T., **Myers A.D.**, Aird J., Coil A.L., Cooper M., Finoguenov A., Laird E., Montero-Dorta A., Nandra K., Willmer C. & Yan R., 2015, [X-ray Surface Brightness Profiles of Active Galactic Nuclei in the Extended Groth Strip](#)

- [Implications for AGN Feedback](#), *Publications of the Astronomical Society of the Pacific*, 127, 716
109. Richards G.T., **Myers A.D.**, Peters C.M., Krawczyk C.M., Chase G., Ross N.P., Fan X., Jiang L., Lacy M., McGreer I.D., Trump, J.R. & Riegel R.N., 2015, [Bayesian High-Redshift Quasar Classification from Optical and Mid-IR Photometry](#), *The Astrophysical Journal Supplement*, 219, 39
 108. DiPompeo M.A., Bovy J., **Myers A.D.** & Lang D., 2015, [Quasar Probabilities and Redshifts from WISE mid-IR through GALEX UV Photometry](#), *Monthly Notices of the Royal Astronomical Society*, 452, 3124
 107. 274 members of the SDSS-III collaboration; Alam et al., 2015, [The Eleventh and Twelfth Data Releases of the Sloan Digital Sky Survey: Final Data from SDSS-III](#), *The Astrophysical Journal Supplement*, 219, 12
 106. Rubin K.H.R., Hennawi J.F., Prochaska J.X., Simcoe R.A., **Myers A.D.** & Wingee Lau M., 2015, [Dissecting the Gaseous Halos of \$z \sim 2\$ Damped Ly \$\alpha\$ Systems with Close Quasar Pairs](#), *The Astrophysical Journal*, 808, 38
 105. Morganson E., Green P.J., Anderson S.F., Ruan J.J., **Myers A.D.**, Eracleous M., Kelly B., & 33 members of the SDSS-IV collaboration, 2015, [The Time Domain Spectroscopic Survey: Variable Object Selection and Anticipated Results](#), *The Astrophysical Journal*, 806, 244
 104. Chatterjee S., Newman J.A., Jeltema T., **Myers A.D.**, Aird J., Bundy K., Conselice C., Cooper M., Laird E., Nandra K. & Willmer C., 2015, [X-ray Emission in Non-AGN Galaxies at \$z \sim 1\$](#) , *The Astrophysical Journal*, 806, 136
 103. Wang L., Viero M., Ross N.P., Asboth V., Bethermin M., Bock J., Clements D., Conley A., Cooray A., Farrah D., Hajian A., Han J., Lagache G., Marsden G., **Myers A.**, Norberg P., Oliver S., Page M., Symeonidis M., Schulz B., Wang W. & Zemcov, M., 2015, [The co-evolution of black hole growth and star formation from a cross-correlation analysis between quasars and the cosmic infrared background](#), *Monthly Notices of the Royal Astronomical Society*, 449, 4476
 102. Ho S., Agarwal N., **Myers A.D.**, Lyons R., Disbrow A., Seo H.-J., Ross A.J., Hirata C., Padmanabhan N., O'Connell R., Huff E., Schlegel D., Slosar A., Weinberg D., Strauss M., Ross N.P., Schneider D.P., Bahcall N., Brinkmann J., Palanque-Delabrouille N., & Yeche Ch., 2015, [Sloan Digital Sky Survey III Photometric Quasar Clustering: Probing the Initial Conditions of the Universe using the Largest Volume](#), *The Journal of Cosmology and Astroparticle Physics*, 5, 040
 101. Newman J.A., and 63 co-authors, 2015, [Spectroscopic needs for imaging dark energy experiments](#), *Astroparticle Physics*, 63, 81

100. LaMassa S.M., Cales S., Moran E.C., **Myers A.D.**, Richards G.T., Eracleous M., Heckman T.M., Gallo L. & Urry C.M., 2015, [The Discovery of the First "Changing Look" Quasar: New Insights into the Physics & Phenomenology of AGN](#), *The Astrophysical Journal*, 800, 144
99. Delubac T., Bautista J.E., Busca N.G., Rich J., Kirkby D., Bailey S., Font-Ribera A., Slosar A., Lee K.-G., Pieri M.M., Hamilton J.-C. & 26 members of the SDSS-III collaboration, 2015, [Baryon Acoustic Oscillations in the Ly- \$\alpha\$ forest of BOSS DR11 quasars](#), *Astronomy & Astrophysics*, 574, 59
98. DiPompeo M.A., **Myers A.D.**, Hickox R.C., Geach J.E., Holder G., Hainline K.N. & Hall S.W., 2015, [Weighing obscured and unobscured quasar hosts with the CMB](#), *Monthly Notices of the Royal Astronomical Society*, 446, 3492
97. Fu H., **Myers A.D.**, Djorgovski S.G., Yan L., Wrobel J.M. & Stockton A., 2015, [Radio-Selected Binary Active Galactic Nuclei from the Very Large Array Stripe 82 Survey](#), *The Astrophysical Journal*, 799, 72
96. Ruan J.J., Anderson S.F., Plotkin R.M., Brandt W.N., Burnett T.H., **Myers A.D.** & Schneider D.P., 2014, [The Nature of Transition Blazars](#), Accepted to *The Astrophysical Journal*, 797, 19
95. Hainline K.N., Hickox R.C., Carroll C.M., **Myers A.D.**, DiPompeo M.A. & Trouille L., 2014, [A Spectroscopic Survey of WISE-selected Obscured Quasars with the Southern African Large Telescope](#), *The Astrophysical Journal*, 795, 124
94. Rochais T., DiPompeo M.A., **Myers A.D.**, Brotherton M.S., Runnoe J.C. & Hall S.W., 2014, [Radio-Loud and Radio-Quiet BAL Quasars: A Detailed Ultraviolet Comparison](#), *Monthly Notices of the Royal Astronomical Society*, 444, 2498
93. Filiz Ak N., Brandt W.N., Hall P.B., Schneider D.P., Trump J.R., Anderson S.F., Hamann F., **Myers A.D.**, Paris I., Petitjean P., Ross N.P., Shen Y. & York D.G., 2014, [The Dependence of CIV Broad Absorption Line Properties on Accompanying SiIV and AlIII Absorption: Relating Quasar-Wind Ionization Levels, Kinematics, and Column Densities](#), *The Astrophysical Journal*, 791, 88
92. DiPompeo M.A., **Myers A.D.**, Hickox R.C., Geach J.E. & Hainline K.N., 2014, [The Angular Clustering of Infrared-Selected Obscured and Unobscured Quasars](#), *Monthly Notices of the Royal Astronomical Society*, 442, 3443
91. Jiang L., Fan X., Bian F., McGreer I.D., Strauss M.A., Annis J., Buck Z., Green R., Hodge J.A., **Myers A.D.**, Rafiee A. & Richards G., 2014, [The Sloan Digital Sky Survey Stripe 82 Imaging Data: Depth-Optimized Co-adds Over 300 Deg² in Five Filters](#), *The Astrophysical Journal Supplement*, 213, 12

90. Greene J.E., Alexandroff R., Strauss M.A., Zakamska N.L., Lang D., Liu G., Pattarakijwanich P., Hamann F., Ross N.P., **Myers A.D.**, Brandt W.N., York D.G. & Schneider D.P., 2014, [Near Infrared Spectra and Intrinsic Luminosities of Candidate Type II Quasars at \$2 < z < 3.4\$](#) , *The Astrophysical Journal*, 788, 91
89. Font-Ribera A., Kirkby D., Busca N., Miralda-Escude J., Ross N.P., Slosar A., Rich J & 36 members of the SDSS-III collaboration, 2014, [Quasar-Lyman \$\alpha\$ Forest Cross-Correlation from BOSS DR11 : Baryon Acoustic Oscillations](#), *The Journal of Cosmology and Astroparticle Physics*, 5, 27
88. [DiPompeo M.A.](#), **Myers A.D.**, Brotherton M.S., [Runnoe J.C.](#) & Green R.F., 2014, [The Intrinsic Quasar Luminosity Function: Accounting for Accretion Disk Anisotropy](#), *The Astrophysical Journal*, 787, 73
87. Hainline K.N., Hickox R.C., Greene J.E., **Myers A.D.**, Zakamska N.L., Liu G. & Liu X., 2014, [Gemini Long-slit Observations of Luminous Obscured Quasars: Further Evidence for an Upper Limit on the Size of the Narrow-Line Region](#), *The Astrophysical Journal*, 787, 65
86. Agarwal N., Ho S., **Myers A.D.**, Seo H.-J., Ross A.J., Bahcall N., Brinkmann J., Eisenstein D.J., Muna D., Palanque-Delabrouille N., Paris I., Petitjean P., Schneider D.P., Streblyanska A., Weaver B.A. & Yèche Ch., 2014, [Characterizing unknown systematics in large scale structure surveys](#), *The Journal of Cosmology and Astroparticle Physics*, 4, 7
85. 232 members of the SDSS-III collaboration; Ahn et al., 2014, [The Tenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Apache Point Observatory Galactic Evolution Experiment](#), *The Astrophysical Journal Supplement*, 211, 17
84. Paris I., Petitjean P., Aubourg E., Ross N.P., **Myers A.D.**, Streblyanska A., Bailey S. Hall P.B., Strauss M.A. & 41 members of the SDSS-III collaboration, 2014, [The Sloan Digital Sky Survey quasar catalog: tenth data release](#), *Astronomy & Astrophysics*, 563, 54
83. [Chatterjee S.](#), [Nguyen M.L.](#), **Myers A.D.** & Zheng Z., 2013, [A Direct Measurement of the Mean Occupation Function of Quasars: Breaking Degeneracies between Halo Occupation Distribution Models](#), *The Astrophysical Journal*, 779, 147
82. Palanque-Delabrouille N., Yèche Ch., Borde A., Le Goff J.-M., Rossi G., Viel M. & 30 members of the SDSS-III collaboration, 2013, [The one-dimensional Ly \$\alpha\$ forest power spectrum from BOSS](#), *Astronomy & Astrophysics*, 559, A85
81. Shen Y., McBride C.K., White M., Zheng Z., **Myers A.D.**, Guo H., Kirkpatrick J.A., Padmanabhan N., Parejko J.K., Ross N.P., Schlegel D.J., Streblyanska A., Swanson M.E.C., Zehavi I. & 9 members of the SDSS-III collaboration, 2013, [Cross-Correlation of SDSS DR7 Quasars and DR10 BOSS Galaxies: The Weak Luminosity Dependence of Quasar Clustering at \$z \sim 0.5\$](#) , *The Astrophysical Journal*, 778, 98

80. Alexandroff R., Strauss M.A., Greene J.E., Zakamska N.L., Ross N.P., Brandt W.N., Liu G., Smith P.S., Ge J., Hamann F., **Myers A.D.**, Petitjean P., Schneider D.P., Yesuf H., York D.G., 2013, [Candidate Type II Quasars at \$2 < z < 4.3\$ in the Sloan Digital Sky Survey III](#), *Monthly Notices of the Royal Astronomical Society*, 435, 3306
79. Filiz Ak N., Brandt W.N., Hall P.B., Schneider D.P., Anderson S.F., Hamann F., Lundgren B.F., **Myers A.D.**, Paris I., Petitjean P., Ross N.P., Shen Y. & York D.G., 2013, [Broad Absorption Line Variability on Multi-Year Timescales in a Large Quasar Sample](#), *The Astrophysical Journal*, 777, 168
78. Geach J.E., Hickox R.C., Bleem L.E., Brodwin M., Holder G.P. & 50 co-authors, 2013, [A direct measurement of the linear bias of mid-infrared-selected quasars at \$z \sim 1\$ using cosmic microwave background lensing](#), *The Astrophysical Journal Letters*, 776, 41
77. Finley H., Petitjean P., Paris I., Noterdaeme P., Brinkmann J., **Myers A.D.**, Ross N.P., Schneider D.P. & 9 members of the SDSS-III collaboration, 2013, [A glance at the host galaxy of high-redshift quasars using strong damped Lyman-alpha systems as coronagraphs](#), *Astronomy & Astrophysics*, 558, 111
76. Prochaska J.X., Hennawi J.F., Lee K.-G., Cantalupo S., Bovy J., Djorgovski S.G., Ellison S.L., Wingee L.M., Martin C.L., **Myers A.**, Rubin K.H.R. & Simcoe R.A., 2013, [Quasars Probing Quasars VI. Excess HI Absorption Within One Proper Mpc of \$z \sim 2\$ Quasars](#), *The Astrophysical Journal*, 776, 136
75. Hainline K.N., Hickox R.C., Greene J.E., **Myers A.D.** & Zakamska N.L., 2013, [SALT Long-slit Spectroscopy of Luminous Obscured Quasars: An Upper Limit on the Size of the Narrow-Line Region?](#), *The Astrophysical Journal*, 774, 145
74. Richardson J.W., Chatterjee S., Zheng Z., **Myers A.D.** & Hickox R.C., 2013, [The Halo Occupation Distribution of X-ray-Bright Active Galactic Nuclei: A Comparison with Luminous Quasars](#), *The Astrophysical Journal*, 774, 143
73. Hall P.B., Brandt W.N., Petitjean P., Paris I., Ak N.F., Shen Y., Gibson R.R., Aubourg E., Anderson S.F., Schneider D.P., Bizyaev D., Brinkmann J., Malanushenko E., Malanushenko V., **Myers A.D.**, Oravetz D.J., Ross N.P., Shelden A., Simmons A.E., Streblyanska A., Weaver B.A. & York D.G., 2013, [Broad Absorption Line Quasars with Redshifted Troughs: High-Velocity Infall or Rotationally Dominated Outflows?](#), *Monthly Notices of the Royal Astronomical Society*, 434, 222
72. DiPompeo M.A., Runnoe J.C., **Myers A.D.** & Boroson T.A., 2013, [Does Size Matter? The Underlying Intrinsic Size Distribution of Radio Sources and Implications for Unification by Orientation](#), *The Astrophysical Journal*, 774, 24
71. Ross N.P., McGreer I.D., White M., Richards G.T., **Myers A.D.**, Palanque-Delabrouille N., Strauss M.A., Anderson S.F., Shen Y., Brandt W.N., Yeche Ch., Swanson M.E.C. & 30 members of the SDSS-III collaboration, 2013, [The SDSS-III Baryon Oscillation](#)

- [Spectroscopic Survey: The Quasar Luminosity Function from Data Release Nine](#), *The Astrophysical Journal*, 773, 14
70. [Chatterjee R., Nalewajko K. & Myers A.D., 2013, Implications of the Anomalous Outburst in the Blazar PKS 0208-512](#), *The Astrophysical Journal Letters*, 771, 25
69. [Font-Ribera A., Arnau E., Miralda-Escudé J., Rollinde E., Brinkmann J., Brownstein J.R., Lee K.-G., Myers A.D., Palanque-Delabrouille N., Pâris I., Petitjean P., Rich J., Ross N.P., Schneider D.P. & White M., 2013, The Large-scale Quasar-Lyman \$\alpha\$ Forest Cross-Correlation from BOSS](#), *The Journal of Cosmology and Astroparticle Physics*, 5, 18
68. [McGreer I.D., Jiang L., Fan X., Richards G.T., Strauss M.A., Ross N.P., White M., Shen Y., Schneider D.P., Myers A.D., Brandt W.N., DeGraf C., Glikman E., Ge J. & Streblyanska A., 2013, The \$z=5\$ Quasar Luminosity Function from SDSS Stripe 82](#), *The Astrophysical Journal*, 768, 105
67. [Vikas S.K., Wood-Vasey W.M., Lundgren B., Ross N.P., Myers A.D., AlSayyad, Y., York D.G. & 15 members of the SDSS-III collaboration, 2013, Moderate CIV Absorber Systems Require \$10^{12} M_{\odot}\$ Dark Matter Halos at \$z \sim 2.3\$: A Cross-correlation Study of CIV Absorber Systems and Quasars in SDSS-III BOSS DR9](#), *The Astrophysical Journal*, 768, 38
66. [Slosar A., Irsic V., Kirkby D., Bailey S., Busca N.G., Delubac T., Rich J. & 34 members of the SDSS-III collaboration, 2013, Measurement of Baryon Acoustic Oscillations in the Lyman-alpha Forest Fluctuations in BOSS Data Release 9](#), *The Journal of Cosmology and Astroparticle Physics*, 4, 26
65. [Busca N.G., Delubac T., Rich J., Bailey S., Font-Ribera A., Kirkby D., Le Goff J.-M., Pieri M.M., Slosar A. & 53 members of the SDSS-III collaboration, 2013, Baryon Acoustic Oscillations in the Ly- \$\alpha\$ forest of BOSS quasars](#), *Astronomy & Astrophysics*, 552, 96
64. [Kirkby D., Margala D., Slosar A., Bailey S., Busca N.G., Delubac T., Rich J. & 18 members of the SDSS-III collaboration, 2013, Fitting Methods for Baryon Acoustic Oscillations in the Lyman- \$\alpha\$ Forest Fluctuations in BOSS Data Release 9](#), *The Journal of Cosmology and Astroparticle Physics*, 3, 24
63. [Lee K.-G., Bailey S., Bartsch L.E., Carithers W., Dawson K.S., Kirkby D., Lundgren B., Margala D., Palanque-Delabrouille N., Pieri M.M., Schlegel D.J., Weinberg D.H., Yèche Ch. & 40 members of the SDSS-III collaboration, 2013, The BOSS Lyman- \$\alpha\$ Forest Sample from SDSS Data Release 9](#), *The Astronomical Journal*, 145, 69
62. [Palanque-Delabrouille N., Magneville Ch., Yèche Ch., Eftekharzadeh S., Myers A.D., Petitjean P., Paris I., Ross N.P., Aubourg E., McGreer I., Fan X., Dey A., Schlegel D.J. & 16 members of the SDSS-III collaboration, 2013, Luminosity Function from Dedicated SDSS-III and MMT data of quasars in \$0.7 < z < 4.0\$ selected with a new approach](#), *Astronomy & Astrophysics*, 551, 29

61. [DiPompeo M.A., Runnoe J.C., Brotherton M.S. & Myers A.D., 2013, An Infrared Excess Identified in Radio-Loud Broad Absorption Line Quasars, *The Astrophysical Journal*, 762, 111](#)
60. Dawson K.S., Schlegel D.J. & 160 members of the SDSS-III collaboration, 2013, [The Baryon Oscillation Spectroscopic Survey of SDSS-III](#), *The Astronomical Journal*, 145, 10
59. Paris I., Petitjean P., Aubourg E., Bailey S., Ross N.P., **Myers A.D.**, Strauss M.A. & 69 members of the SDSS-III collaboration, 2012, [The Sloan Digital Sky Survey quasar catalog: ninth data release](#), *Astronomy & Astrophysics*, 548, 66
58. 226 members of the SDSS-III collaboration; Ahn et al., 2012, [The Ninth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Baryon Oscillation Spectroscopic Survey](#), *The Astrophysical Journal Supplement*, 203, 21
57. Bolton A.S., Schlegel D.J. & 30 members of the SDSS-III collaboration, 2012, [Spectral Classification and Redshift Measurement for the SDSS-III Baryon Oscillation Spectroscopic Survey](#), *The Astronomical Journal*, 144, 144
56. White M., **Myers A.D.**, Ross N.P., Schlegel D.J., Hennawi J.F., Shen Y., McGreer I., Strauss M.A., Bolton A.S., Bovy J., Fan X., Miralda-Escude J., Palanque-Delabrouille N., Paris I., Petitjean P., Schneider D.P., Viel M., Weinberg D.H., Yèche C., Zehavi I., Pan K., Snedden S. & 9 members of the SDSS-III collaboration, 2012, [The clustering of intermediate-redshift quasars as measured by the Baryon Oscillation Spectroscopic Survey](#), *Monthly Notices of the Royal Astronomical Society*, 424, 933
55. Noterdaeme P., Petitjean P., Carithers W.C., Paris I., Font-Ribera A., Bailey S. & 16 members of the the SDSS-III collaboration, 2012, [Column density distribution and cosmological mass density of neutral gas: Sloan Digital Sky Survey-III Data Release 9](#), *Astronomy & Astrophysics*, 547, 1
54. Filiz Ak N., Brandt W.N., Hall P.B., Schneider D.P., Anderson S.F., Gibson R.R., Lundgren B.F., **Myers A.D.**, Petitjean P., Ross N.P., Shen Y., York D.G. & 7 members of the SDSS-III collaboration, 2012, [Broad Absorption Line Disappearance on Multi-Year Timescales in a Large Quasar Sample](#), *The Astrophysical Journal*, 757, 114
53. Glikman E., Urrutia T., Lacy M., Djorgovski S.G., Mahabal A., **Myers A.D.**, Ross N.P., Petitjean P., Ge J., Schneider D.P. & York D.G., 2012, [FIRST-2MASS Red Quasars: Transitional Objects Emerging from the Dust](#), *The Astrophysical Journal*, 757, 51
52. Bovy J., **Myers A.D.**, Hennawi J.F., Hogg D.W., McMahon R.G., Schiminovich D., Sheldon E.S., Brinkmann J., Schneider D.P. & Weaver B.A., 2012, [Photometric redshifts and quasar probabilities from a single, data-driven generative model](#), *The Astrophysical Journal*, 749, 41

51. Hickox R.C., Wardlow J.L., Smail I., **Myers A.D.**, Alexander D.M., Swinbank A.M., Danielson A.L.R., Stott J.P., Chapman S.C., Coppin K.E.K., Dunlop J.S., Gawiser E., Lutz D., van der Werf P. & Weiss A., 2012, [The LABOCA Survey of the Extended Chandra Deep Field South: Clustering of submillimetre galaxies](#), *Monthly Notices of the Royal Astronomical Society*, 421, 284
50. Ross N.P., **Myers A.D.**, Sheldon E., Yèche Ch., Strauss M.A., Bovy J., Kirkpatrick J.A., Richards G.T. & 31 members of the SDSS-III collaboration, 2012, [The SDSS-III Baryon Oscillation Spectroscopic Survey: Quasar Target Selection for Data Release Nine](#), *The Astrophysical Journal Supplement*, 199, 3
49. Fu H., Yan L., **Myers A.D.**, Stockton A., Djorgovski S.G., Aldering G. & Rich J.A., 2012, [The Nature of Double-Peaked \[O III\] Active Galactic Nuclei](#), *The Astrophysical Journal*, 745, 67
48. Kirkpatrick J.A., Schlegel D.J., Ross N.P., **Myers A.D.**, Hennawi J.F., Schneider D.P. & Weaver B.A., 2011, [A Simple Likelihood Estimator for Quasar Target Selection](#), *The Astrophysical Journal*, 743, 125
47. Green P.J., **Myers A.D.**, Barkhouse W.A., Aldcroft T.L., Trichas M., Richards G.T., Ruiz A. & Hopkins P.F., 2011, [A Multiwavelength Study of Binary Quasars and Their Environments](#), *The Astrophysical Journal*, 743, 81
46. Fu H., Zhang Z., Assef R.J., Stockton A., **Myers A.D.**, Yan L., Djorgovski S.G., Wrobel J.M. & Riechers D.A., 2011, [A Kiloparsec-Scale Binary Active Galactic Nucleus Confirmed by the Expanded Very Large Array](#), *The Astrophysical Journal Letters*, 740, L44
45. Ross A.J., Ho S., Cuesta A.J., Tojeiro R., Percival W.J., Wake D., Masters K.L., Nichol R.C., **Myers A.D.**, de Simoni F., Seo H.J., Hernández-Monteagudo C., Crittenden R. & 19 members of the SDSS-III collaboration, 2011, [Ameliorating Systematic Uncertainties in the Angular Clustering of Galaxies: A Study using SDSS-III](#), *Monthly Notices of the Royal Astronomical Society*, 417, 1350
44. Slosar A., Font-Ribera A., Pieri M.M., Rich J., Le Goff J-M. & 32 members of the SDSS-III collaboration, 2011, [The Lyman-alpha forest in three dimensions: measurements of large scale flux correlations from BOSS 1st-year data](#), *The Journal of Cosmology and Astroparticle Physics*, 9, 1
43. Eisenstein D.J., Weinberg D.H. & 242 members of the SDSS-III collaboration, 2011, [SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way Galaxy, and Extra-Solar Planetary Systems](#), *The Astronomical Journal*, 142, 72
42. Drake A.J., Djorgovski S.G., Mahabal A., Anderson J., Roy R., Mohan V., Ravindranath S., Frail D., Gezari S., Neill J.D., Ho L.C., Prieto J.L., Thompson D., Thorstensen J., Wagner M., Kowalski R., Chiang J., Grove J.E., Schinzel F.K., Wood D.L., Carrasco L., Recillas E., Kewley L., Archana K.N., Basu A., Wadadekar Y., Kumar B., **Myers A.D.**,

- Phinney E.S., Williams R., Graham M.J., Catelan M., Beshore E., Larson S. & Christensen E., 2011, [The Discovery and Nature of Optical Transient CSS100217:102913+404220](#), *The Astrophysical Journal*, 735, 106
41. Palanque-Delabrouille N., Yèche Ch., **Myers A.D.**, Petitjean P., Ross N.P., Sheldon E., Aubourg E., Delubac T., Le Goff J.-M., Pâris I., Rich J., Dawson K.S., Schneider D.P. & Weaver B.A., 2011, [Variability selected high-redshift quasars on SDSS Stripe 82](#), *Astronomy & Astrophysics*, 530, 122
40. Fu H., **Myers A.D.**, Djorgovski S.G. & Yan L., 2011, [Mergers in Double-Peaked \[O III\] Active Galactic Nuclei](#), *The Astrophysical Journal*, 733, 103
39. Aihara, H. & 179 members of the SDSS-III collaboration, 2011, [The Eighth Data Release of the Sloan Digital Sky Survey: First Data from SDSS-III](#), *The Astrophysical Journal Supplement*, 193, 29
38. Hickox R.C., **Myers A.D.**, Brodwin M., Alexander D.M., Forman W.R., Jones C., Murray S.S., Brown, M.J.I., Cool, R.J., Kochanek C.S., Dey A., Jannuzi B.T., Eisenstein D., Assef R.J., Eisenhardt P.R., Gorjian V., Stern D., Le Floch E., Caldwell N., Goulding A.D. & Mullaney J.R., 2011, [Clustering of obscured and unobscured quasars in the Bootes field: Placing rapidly growing black holes in the cosmic web](#), *The Astrophysical Journal*, 731, 117
37. Bovy J., Hennawi J.F., Hogg D.W., **Myers A.D.**, Kirkpatrick J.A., Schlegel D.J., Ross N.P., Sheldon E.S., McGreer I.D., Schneider D.P. & Weaver B.A., 2011, [Think Outside the Color-Box: Probabilistic Target Selection and the SDSS-XDQSO Quasar Targeting Catalog](#), *The Astrophysical Journal*, 729, 141
36. Hogg D.W., **Myers A.D.**, & Bovy J., 2010, [Inferring the eccentricity distribution](#), *The Astrophysical Journal*, 725, 2166
35. Shen Y., Hennawi J.F., Shankar F., **Myers A.D.**, Strauss M.A., Djorgovski S.G., Fan X., Giocoli C., Mahabal A., Schneider D.P. & Weinberg D.H., 2010, [Binary Quasars at High Redshift II: Sub-Mpc Clustering at \$z \sim 3-4\$](#) , *The Astrophysical Journal*, 719, 1693
34. Hennawi J.F., **Myers A.D.**, Shen Y., Strauss M.A., Djorgovski S.G., Fan X., Glikman E., Mahabal A., Martin C.L., Richards G.T., Schneider D.P., & Shankar F., 2010, [Binary Quasars at High Redshift I: 24 New Quasar Pairs at \$z \sim 3-4\$](#) , *The Astrophysical Journal*, 719, 1672
33. Green P.J., **Myers A.D.**, Barkhouse W.A., Mulchaey J.S., Bennert V.N., Cox T.J. & Aldcroft T.L., 2010, [A Binary Quasar Caught in the Act of Merging](#), *The Astrophysical Journal*, 710, 1578
32. Croom S.M., Richards G.T., Shanks T., Boyle B.J., Strauss M.A., **Myers A.D.**, Nichol R.C., Pimblet K.A., Ross N.P., Schneider D.P., Sharp R.G. & Wake D.A., 2009, [The](#)

- [2dF-SDSS LRG and QSO Survey: the QSO luminosity function at \$0.4 < z < 2.6\$](#) , *Monthly Notices of the Royal Astronomical Society*, 399, 1755
31. **Myers A.D.**, White M. & Ball N.M., 2009, [Incorporating Photometric Redshift Probability Density Information into Real-Space Clustering Measurements](#), *Monthly Notices of the Royal Astronomical Society*, 399, 2279
 30. Lundgren B.F., Brunner R.J., York D.G., Ross A.J., Quashnock J.M., **Myers A.D.**, Schneider D.P., AlSaiyad Y. & Bahcall N., 2009, [A Cross-Correlation Analysis of Mg II Absorption Line Systems and Luminous Red Galaxies from the SDSS DR5](#), *The Astrophysical Journal*, 698, 819
 29. Mountrichas G., Shanks T., Croom S.M., Sawangwit U., Schneider D.P., **Myers A.D.** & Pimblet K., 2009, [QSO-LRG 2-Point Cross-Correlation Function and Redshift-Space Distortions](#), *Monthly Notices of the Royal Astronomical Society*, 394, 2050
 28. Kindratenko V.V., Myers A.D. & Brunner R.J., 2009, [Implementation of the two-point angular correlation function on a high-performance reconfigurable computer](#), *Scientific Programming*, 17, 3, 247
 27. Richards G.T., Deo R.P., Lacy M., **Myers A.D.**, Nichol R.C., Zakamska, N.L., Brunner R.J., Brandt W.N., Gray A.G., Parejko J.K., Ptak A., Schneider D.P., Storrie-Lombardi L.J., Szalay A.S., 2009, [Eight-Dimensional Mid-Infrared/Optical Bayesian Quasar Selection](#), *The Astronomical Journal*, 137, 3884
 26. Richards G.T., **Myers A.D.**, Gray A.G., Riegel R.N., Nichol R.C., Brunner R.J., Szalay A.S., Schneider D.P. & Anderson S.F., 2009, [Efficient Photometric Selection of Quasars from the Sloan Digital Sky Survey: II. ~1,000,000 Quasars from Data Release Six](#), *The Astrophysical Journal Supplement*, 180, 67
 25. Croom S.M., Richards G.T., & 29 members of the 2SLAQ collaboration, 2009, [The 2dF-SDSS LRG and QSO Survey: The spectroscopic QSO catalogue](#), *Monthly Notices of the Royal Astronomical Society*, 392, 19
 24. Green P.J., Aldcroft T.L., Richards G.T., Barkhouse W.A., Constantin A., Haggard D., Karovska M., Kim D.-W., Kim M., Vikhlinin A., Anderson S.F., Mossman A., Kashyap V., Myers A.D., Silverman J.D., Wilkes B.J. & Tananbaum, H., 2009, [A Full Year's Chandra Exposure on Sloan Digital Sky Survey Quasars from the Chandra Multiwavelength Project](#), *The Astrophysical Journal*, 690, 644
 23. Fine S., Croom S.M., Hopkins P.F., Hernquist L., Bland-Hawthorn J., Colless M., Hall P.B., Miller L., **Myers A.D.**, Nichol R., Pimblet K.A., Ross N.P., Schneider D.P., Shanks T. & Sharp R.G., 2008, [Constraining the quasar population with the broad-line width distribution](#), *Monthly Notices of the Royal Astronomical Society*, 390, 1413

22. Strand N.E., Brunner R.J. & Myers A.D., 2008, [AGN Environments in the Sloan Digital Sky Survey I: Dependence on Type, Luminosity and Redshift](#), *The Astrophysical Journal*, 688, 180
21. Ball N.M., Brunner R.J., Myers A.D., Strand N.E., Alberts S.L. & Tchong D., 2008, [Robust Machine Learning Applied to Astronomical Datasets III: Probabilistic Photometric Redshifts for Galaxies and Quasars in the SDSS and GALEX](#), *The Astrophysical Journal*, 683, 12
20. Ross A.J., Brunner R.J. & Myers A.D., 2008, [Normalization of the Matter Power Spectrum via Higher-Order Angular Correlations of Luminous Red Galaxies](#), *The Astrophysical Journal*, 682, 737
19. Giannantonio T., Scranton R., Crittenden R.G., Nichol R.C., Boughn S.P., Myers A.D. & Richards G.T., 2008, [Combined analysis of the integrated Sachs-Wolfe effect and cosmological implications](#), *Physical Review D*, 77, 123520
18. Myers A.D., Richards G.T., Brunner R.J., Schneider D.P., Strand N.E., Hall P.B., Blomquist J.A. & York D.G., 2008, [Quasar Clustering at 25 kpc/h from a Complete Sample of Binaries](#), *The Astrophysical Journal*, 678, 635
17. da Ângela J., Shanks T., Croom S.M., Weilbacher P., Brunner R.J., Couch W.J., Miller L., Myers A.D., Nichol R.C., Pimblet K.A., de Propriis R., Richards G.T., Ross N.P., Schneider D.P. & Wake D., 2008, [The 2dF-SDSS LRG and QSO survey: QSO clustering and the L-z degeneracy](#), *Monthly Notices of the Royal Astronomical Society*, 383, 565
16. Ross A.J., Brunner R.J. & Myers A.D., 2007, [Higher-Order Angular Galaxy Correlations in the SDSS: The Redshift and Color Dependence of Nonlinear Bias](#), *The Astrophysical Journal*, 665, 67
15. Ball N.M., Brunner R.J., Myers A.D., Strand N.E., Alberts S.L., Tchong D. & Llorà X., 2007, [Robust Machine Learning Applied to Astronomical Datasets II: Quantifying Photometric Redshifts for Quasars Using Instance-Based Learning](#), *The Astrophysical Journal*, 663, 774
14. Hopkins P.F., Lidz A., Hernquist L., Coil A.L., Myers A.D., Cox T.J. & Spergel D.N., 2007, [The Co-formation of Spheroids and Quasars Traced in their Clustering](#), *The Astrophysical Journal*, 662, 110
13. Myers A.D., Brunner R.J., Richards G.T., Nichol R.C., Schneider D.P. & Bahcall N.A., 2007, [Clustering Analyses of 300,000 Photometrically Classified Quasars–II. The Excess on Very Small Scales](#), *The Astrophysical Journal*, 658, 99
12. Myers A.D., Brunner R.J., Nichol R.C., Richards G.T., Schneider D.P. & Bahcall N.A., 2007, [Clustering Analyses of 300,000 Photometrically Classified Quasars–I. Luminosity and Redshift Evolution in Quasar Bias](#), *The Astrophysical Journal*, 658, 85

11. Ball N.M., Brunner R.J., **Myers A.D.** & Tchong D., 2006, [Robust Machine Learning Applied to Astronomical Datasets I: Star-Galaxy Classification of the SDSS DR3 Using Decision Trees](#), *The Astrophysical Journal*, 650, 497
10. Giannantonio T., Crittenden R.G., Nichol R.C., Scranton R., Richards G.T., **Myers A.D.**, Brunner R.J., Gray A.G., Connolly A.J. & Schneider D.P., 2006, [High redshift detection of the integrated Sachs-Wolfe effect](#), *Physical Review D*, 74, 063520
9. Ross A.J., Brunner R.J. & **Myers A.D.**, 2006, [Precision Measurements of Higher-Order Angular Galaxy Correlations Using 11 Million SDSS Galaxies](#), *The Astrophysical Journal*, 649, 48
8. **Myers A.D.**, Brunner R.J., Richards G.T., Nichol R.C., Schneider D.P., Vanden Berk D.E., Scranton R., Gray A.G. & Brinkmann J., 2006, [First Measurement of the Clustering Evolution of Photometrically Classified Quasars](#), *The Astrophysical Journal*, 638, 622
7. Scranton R., Ménard B., Richards G.T., Nichol R.C., **Myers A.D.**, Jain B., Gray A., Bartelmann M., Brunner R.J., Connolly A.J., Gunn J.E., Sheth R.K., Bahcall N.A., Brinkman J., Loveday J., Schneider D.P., Thakar A. & York D.G., 2005, [Detection of Cosmic Magnification with the Sloan Digital Sky Survey](#), *The Astrophysical Journal*, 633, 589
6. Guimarães A.C.C., **Myers A.D.** & Shanks T., 2005, [QSO Lensing Magnification Associated with Galaxy Groups](#), *Monthly Notices of the Royal Astronomical Society*, 362, 657
5. Richards G.T., Croom S.M. & 26 members of the 2SLAQ collaboration, 2005, [The 2dF-SDSS LRG and QSO Survey: The \$z < 2.1\$ Quasar Luminosity Function from 5645 Quasars to \$g=21.85\$](#) , *Monthly Notices of the Royal Astronomical Society*, 360, 839
4. **Myers A.D.**, Outram P.J., Shanks T., Boyle B.J., Croom S.M., Loaring N.S., Miller L. & Smith R.J., 2005, [On Statistical Lensing and the Anti-Correlation Between 2dF QSOs and Foreground Galaxies](#), *Monthly Notices of the Royal Astronomical Society*, 359, 741
3. **Myers A.D.**, Shanks T., Outram P.J., Frith W.J. & Wolfendale A.W., 2004, [Evidence for an extended SZ Effect in WMAP Data](#), *Monthly Notices of the Royal Astronomical Society Letters*, 347L, 67
2. Outram P.J., Hoyle F., Shanks T., Croom S.M., Boyle B.J., Miller L., Smith R.J. & **Myers A.D.**, 2003, [The 2dF QSO Redshift Survey - XI. The QSO Power Spectrum](#), *Monthly Notices of the Royal Astronomical Society*, 342, 483
1. **Myers A.D.**, Outram P.J., Shanks T., Boyle B.J., Croom S.M., Loaring N.S., Miller L. & Smith R.J., 2003, [The 2dF QSO Redshift Survey - X. Lensing of Background QSOs by Galaxy Groups](#), *Monthly Notices of the Royal Astronomical Society*, 342, 467

Non-Refereed Journal Articles:

28. Palmese A., BenZvi S., Bailey S., Davis T., Kim A., Landriau M., Moutard D., **Myers A.**, Nugent P., Raichoor A., Schlafly E., Schlegel D., Demirbozan U., Della Costa J., the DESI Low-z Cosmology Working Group, 2021, [IceCube-210922A: DESI Observations](#), *GRB Coordinates Network, Circular Service*, 30923, 1
27. Allende Prieto C., Cooper A.P., Dey A., Gänsicke B.T., Kopolov S.E., Li T., Manser C., Nidever D.L., Rockosi C., Wang M.-Y., Aguado D.S., Blum R., Brooks D.D., Eisenstein D.J., Duan Y., Eftekhazadeh S., Gaztañaga E., Kehoe R., Landriau M., Lee C.H., Levi M.E., Meisner A.M., **Myers A.D.**, Najita J., Olsen K., Palanque-Delabrouille N., Poppett C., Prada F., Schlegel D.J., Schubnell M., Tarlé G., Valluri M., Wechsler R.H. & Yèche C., 2020, [Preliminary Target Selection for the DESI Milky Way Survey \(MWS\)](#), *Research Notes of the AAS*, 4, 188
26. Ruiz-Macias O., Zarrouk P., Cole S., Norberg P., Baugh C., Brooks D.D., Dey A., Duan Y., Eftekhazadeh S., Eisenstein D.J., Forero-Romero J.E., Gaztañaga E., Hahn C., Kehoe R., Landriau M., Lang D., Levi M.E., Lucey J., Meisner A.M., Moustakas J., **Myers A.D.**, Palanque-Delabrouille N., Poppett C., Prada F., Raichoor A., Schlegel D.J., Schubnell M., Tarlé G., Weinberg D.H., Wilson M.J. & Yèche C., 2020, [Preliminary Target Selection for the DESI Bright Galaxy Survey \(BGS\)](#), *Research Notes of the AAS*, 4, 187
25. Zhou R., Newman J.A., Dawson K.S., Eisenstein D.J., Brooks D.D., Dey A., Dey B., Duan Y., Eftekhazadeh S., Gaztañaga E., Kehoe R., Landriau M., Levi M.E., Licquia T.C., Meisner A.M., Moustakas J., **Myers A.D.**, Palanque-Delabrouille N., Poppett C., Prada F., Raichoor A., Schlegel D.J., Schubnell M., Staten R., Tarlé G. & Yèche C., 2020, [Preliminary Target Selection for the DESI Luminous Red Galaxy \(LRG\) Sample](#), *Research Notes of the AAS*, 4, 181
24. Raichoor A., Eisenstein D.J., Karim T., Newman J.A., Moustakas J., Brooks D.D., Dawson K.S., Dey A., Duan Y., Eftekhazadeh S., Gaztañaga E., Kehoe R., Landriau M., Lang D., Lee J.H., Levi M.E., Meisner A.M., **Myers A.D.**, Palanque-Delabrouille N., Poppett C., Prada F., Ross A.J., Schlegel D.J., Schubnell M., Staten R., Tarlé G., Tojeiro R., Yèche C. & Zhou R., 2020, [Preliminary Target Selection for the DESI Emission Line Galaxy \(ELG\) Sample](#), *Research Notes of the AAS*, 4, 180
23. Yèche C., Palanque-Delabrouille N., Claveau C.-A., Brooks D.D., Chaussidon E., Davis T.M., Dawson K.S., Dey A., Duan Y., Eftekhazadeh S., Eisenstein D.J., Gaztañaga E., Kehoe R., Landriau M., Lang D., Levi M.E., Meisner A.M., **Myers A.D.**, Newman J.A., Poppett C., Prada F., Raichoor A., Schlegel D.J., Schubnell M., Staten R., Tarlé G. & Zhou R., 2020, [Preliminary Target Selection for the DESI Quasar \(QSO\) Sample](#), *Research Notes of the AAS*, 4, 179
22. Bannister M.T., Fraser W.C., Lacerda P., Patej A., Blum R., Nord B., **Myers A.**, Kokotanekova R., Gibson B., Goggia T. & 30 coauthors, 2017, [2010 JO179](#), *Minor Planet Electronic Circulars*, 2017-S54

21. Drake A.J., Mahabal A.A., Djorgovski S.G., Graham M.J., Williams R., Donalek C., **Myers A.**, Prieto J., Catelan M., Christensen E., Beshore E.C., Larson S.M., Grauer A., Boattini A., Gibbs A., Hill R. & Kowalski R., 2011, [Thirty Three New SNe from CRTS](#), *The Astronomer's Telegram*, 3215, 1
20. Prieto J., Drake A.J., Djorgovski S.G., Mahabal A.A., Graham M.J., Williams R., Donalek C., **Myers A.**, Catelan M., Christensen E., Beshore E.C., Larson S.M. & McNaught, R.H., 2011, [Confirmed and Candidate SNe from CRTS](#), *The Astronomer's Telegram*, 3126, 1
19. Drake A.J., Djorgovski S.G., Mahabal A.A., Graham M.J., Williams R., Donalek C., **Myers A.**, Prieto J., Catelan M., Christensen E., Beshore E.C., Larson S.M. & McNaught, R.H., 2011, [One Hundred and Forty Optical Transients discovered by CRTS](#), *The Astronomer's Telegram*, 3097, 1
18. Drake A.J., Djorgovski S.G., Mahabal A.A., Graham M.J., Williams R., Donalek C., **Myers A.**, Prieto J., Catelan M., Christensen E., Beshore E.C., Larson S.M. & McNaught, R.H., 2010, [Confirmation of recent CRTS supernova discoveries](#), *The Astronomer's Telegram*, 3081, 1
17. Drake A.J., Djorgovski S.G., Mahabal A.A., Graham M.J., Williams R., **Myers A.**, Prieto J., Catelan M., Christensen E., Beshore E.C., Larson S.M. & McNaught, R.H., 2010, [Supernova Candidates and Confirmations from CRTS](#), *The Astronomer's Telegram*, 2852, 1
16. Drake A.J., Mahabal A.A., Djorgovski S.G., Graham M.J., Williams R., Mohan V., Ravindranath S., Prieto J., Ho L.C., Kewley L., **Myers A.**, Catelan M., Christensen E., Beshore E.C. & Larson S.M., 2010, [CSS100217:102913+404220 a Luminous SN or Tidal Disruption Event?](#), *The Astronomer's Telegram*, 2544, 1
15. Mahabal A.A., Drake A.J., Djorgovski S.G., Graham M.J., Williams R., **Myers A.**, Prieto J., Catelan M., Christensen E., Mohan V., Ravindranath S., Beshore E.C. & Larson S.M., 2010, [Supernova Candidates and Classifications from CRTS](#), *The Astronomer's Telegram*, 2490, 1
14. Drake A.J., Djorgovski S.G., Levitan D., Mahabal A.A., Graham M.J., Williams R., **Myers A.**, Catelan M., Beshore E.C., Larson S.M. & Christensen E., 2009, [CRTS discovery of a long timescale type-IIIn SN](#), *The Astronomer's Telegram*, 2149, 1
13. Drake A.J., Djorgovski S.G., Mahabal A.A., Graham M.J., Williams R., **Myers A.**, Catelan M., Beshore E.C., Larson S.M., Boattini A., Gibbs A., Hill R., Kowalski R. & Christensen E., 2009, [Nineteen Optical Transients from CRTS](#), *The Astronomer's Telegram*, 2057, 1

12. Drake A.J., Djorgovski S.G., Mahabal A.A., Graham M.J., Williams R., **Myers A.**, Catelan M., Beshore E.C., Larson S.M. & Christensen E., 2009, [Confirmation of CRTS Supernovae](#), *The Astronomer's Telegram*, 2043, 1
11. Djorgovski S.G., Drake A.J., Mahabal A.A., Graham M.J., Williams R., **Myers A.**, Beshore E.C., Larson S.M., Boattini A. & Christensen E., 2009, [Probable Flaring Blazars from CRTS](#), *The Astronomer's Telegram*, 2041, 1
10. Drake A.J., Mahabal A.A., Djorgovski S.G., Graham M.J., Williams R., Catelan M., **Myers A.**, Beshore E.C., Larson S.M., Gibbs A., Kowalski R., Boattini A., Hill R. & Christensen E., 2009, [Confirmation of CRTS Supernovae in Intrinsically Faint Galaxies](#), *The Astronomer's Telegram*, 2009, 1
9. Mahabal A.A., Djorgovski S.G., Drake A.J., Graham M.J., Williams R., Max-Moerbeck W., Richards J., **Myers A.**, Pooley G., Mohan V., Ramaprakash A.N., Kembhavi A., Devangan G., Beshore E.C., Larson S.M., Boattini A., Hill R. & Christensen E., 2009, [Spectroscopic follow-up of flaring blazars from CRTS](#), *The Astronomer's Telegram*, 1952, 1
8. Drake A.J., Mahabal A.A., Djorgovski S.G., Graham M.J., Williams R., **Myers A.**, Catelan M., Beshore E.C., Larson S.M. & Christensen E., 2009, [An SN-Ia in a very faint dwarf galaxy](#), *The Astronomer's Telegram*, 1950, 1
7. Mahabal A.A., Djorgovski S.G., Drake A.J., Graham M.J., Williams R., Quimby R., **Myers A.**, Beshore E.C., Larson S.M. & Christensen E., 2008, [Supernova 2008ck \[correction to designation in table\]](#), *Central Bureau Electronic Telegrams*, 1377, 1
6. Mahabal A.A., Djorgovski S.G., Drake A.J., Graham M.J., Williams R., Quimby R., **Myers A.**, Beshore E.C., Larson S.M. & Christensen E., 2008, [Supernova 2008ck](#), *Central Bureau Electronic Telegrams*, 1376, 1
5. Mahabal A.A., Djorgovski S.G., Drake A.J., Williams R., Graham M.J., Quimby R., Chung A., **Myers A.**, Beshore E.C., Larson S.M. & Christensen E., 2008, [Spectroscopy of CSS transients and variables](#), *The Astronomer's Telegram*, 1520, 1
4. Djorgovski S.G., Drake A.J., Mahabal A.A., Donalek C., Glikman E., Graham M.J., Williams R., Baltay C., Rabinowitz D., Bauer A., Scalzo R., Elman N., Jerke J., Thomas R., Nugent P., Hennawi J., **Myers A.**, Allan A., Steele I. & Brown T., 2007, [Supernovae 2007nm, 2007nn, 2007no, and 2007np](#), *Central Bureau Electronic Telegrams*, 1105, 1
3. Djorgovski S.G., Drake A.J., Mahabal A.A., Donalek C., Glikman E., Graham M.J., Williams R., Baltay C., Rabinowitz D., Bauer A., Scalzo R., Elman N., Jerke J., Thomas R.C., Nugent P., Hennawi J., **Myers A.**, Allan A., Steele I., Brown T. & the PQ Survey Team, 2007, [Revised Classification for SN 2007nm/PQT 071008:224527+103932](#), *The Astronomer's Telegram*, 1250, 1

2. Djorgovski S.G., Drake A.J., Mahabal A.A., Donalek C., Glikman E., Graham M.J., Williams R., Baltay C., Rabinowitz D., Bauer A., Scalzo R., Elman N., Jerke J., Thomas R., Nugent P., Hennawi J., **Myers A.**, Allan A., Steele I. & Brown T., 2007, [Spectroscopy of Optical Transients From the PQ Survey](#), *The Astronomer's Telegram*, 1240, 1
1. Drake A.J., Mahabal A.A., Djorgovski S.G., Glikman E., Donalek C., Graham M.J., Williams R., Baltay C., Rabinowitz D., Bauer A., Scalzo R., Elman N., Jerke J., Hennawi J., **Myers A.**, 2007, [Six Optical Transients From the PQ Survey](#), *The Astronomer's Telegram*, 1234, 1

Non-Refereed Proceedings/Transactions:

127. Brotherton M., [Maithil J.](#), **Myers A.**, Shemmer O., Matthews B., Dix C., Du P. & Wang J.-M., 2021, [Quasar black hole masses and accretion rates across cosmic time](#), in *Galaxy Evolution and Feedback across Different Environments, Proceedings of the International Astronomical Union*, 359, 57
126. Napolitano L.G., **Myers A.D.**, Lyke B.W., Gontcho A Gontcho S., Lan T., Circosta C. & Prochaska J., 2021, [Early Results on the Detection of Mg-II Absorption Systems in DESI Spectra](#), *Bulletin of the American Astronomical Society*, 237, 538.03
125. Moustakas J., Lang D., Schlegel D.J., Dey A., Juneau S., **Myers A.D.**, Schlafly E., Valdes F. & the DESI Legacy Imaging Surveys Team, 2021, [The Siena Galaxy Atlas 2020](#), *Bulletin of the American Astronomical Society*, 237, 527.04
124. Lyke B.W., Larkin-Gero P., Higley A.N., McLane J.N., Schurhammer D.P., **Myers A.D.** & The SDSS-IV/eBOSS Collaboration, 2021, [Broad Absorption Feature Detection in The Sixteenth SDSS Quasar Catalog \(DR16Q\)](#), *Bulletin of the American Astronomical Society*, 237, 353.02
123. Schlegel D., Dey A., Herrera D., Juneau S., Landriau M., Lang D., Meisner A., Moustakas J., **Myers A.**, Schlafly E., Valdes F., Weaver B., Zhang M., Zhou R. & the DESI Legacy Imaging Surveys Team, 2021, [DESI Legacy Imaging Surveys Data Release 9](#), *Bulletin of the American Astronomical Society*, 237, 235.03
122. Huang X., Storfer C., Gu A., Ravi V., Pilon A., Sheu W., Venguswamy R., Banka S., Dey A., Landriau M., Lang D., Meisner A., Moustakas J., **Myers A.**, Sajith R., Schlafly E. & Schlegel D., 2021, [Discovering New Strong Gravitational Lenses in the DESI Legacy Imaging Surveys](#), *Bulletin of the American Astronomical Society*, 237, 125.04
121. Dawson K.S., Percival W., Bautista J., Hou J., de Mattia A., Mueller E., **Myers A.**, Rossi G., Zarrouk P. & Zhao G., 2020, [Introduction: the Extended Baryon Spectroscopic Survey](#), *Bulletin of the American Astronomical Society*, 235, 413.01
120. Matthews B., et al., 2020, [Gemini Near Infrared Spectrograph Distant Quasar Survey: Initial Results](#), *Bulletin of the American Astronomical Society*, 235, 381.06

119. Dix C., Shemmer O., Brotherton M., Green R., Mason M. & **Myers A.D.**, 2020, [Prescriptions for Correcting Ultraviolet-Based Redshifts for Luminous Quasars at \$z > 2.15\$](#) , *Bulletin of the American Astronomical Society*, 235, 305.29
118. Higley A.N., Lyke B.W., **Myers A.D.**, Schurhammer D.P., McLane J.N., Ross A., Chabanier S., Streblyanska A. & Zarrouk P., 2020, [The Sloan Digital Sky Survey Quasar Catalog Sixteenth Data Release](#), *Bulletin of the American Astronomical Society*, 235, 219.03
117. Kollmeier J., et al., 2019, [SDSS-V Pioneering Panoptic Spectroscopy](#), *Bulletin of the American Astronomical Society*, 51, 274
116. Schlegel D.J., Kollmeier J.A., et al., 2019, [The MegaMapper: a \$z > 2\$ spectroscopic instrument for the study of Inflation and Dark Energy](#), *White Paper*, <https://arxiv.org/abs/1907.11171>
115. Pierce M., Dell'antonio I., **Myers A.** & Birrer S., 2019, [Transverse Extragalactic Motions: a New Method for Constraining Cosmological Parameters](#), *Bulletin of the American Astronomical Society*, 51, 344
114. Shen Y., et al., 2019, [Mapping the Inner Structure of Quasars with Time-Domain Spectroscopy](#), *Bulletin of the American Astronomical Society*, 51, 274
113. Bechtol K., Drlica-Wagner A., et al., 2019, [Dark Matter Science in the Era of LSST](#), *Bulletin of the American Astronomical Society*, 51, 207
112. Ferraro S., Wilson M.J., et al., 2019, [Inflation and Dark Energy from spectroscopy at \$z > 2\$](#) , *White Paper*, <https://arxiv.org/abs/1903.09208>
111. Daniel Meerburg P., Green D., et al., 2019, [Primordial Non-Gaussianity](#), *White Paper*, <https://arxiv.org/abs/1903.04409>
110. Higley A.N., Lyke B.W., Schurhammer D.P. & **Myers A.D.**, 2019, [Improving Automated Spectral Classifications Through Visual Inspections of Outliers](#), *Bulletin of the American Physical Society*, APR, S1, 24
109. Schlegel D. & the DESI Legacy Imaging Surveys collaboration, 2019, [Overview of the DESI Legacy Imaging Surveys](#), *Bulletin of the American Astronomical Society*, 233, 380.03
108. Matthews B., Shemmer O., Brotherton M.S. & the GNIRS-DQS collaboration, 2019, [Gemini Near Infrared Spectrograph Distant Quasar Survey: The First Year](#), *Bulletin of the American Astronomical Society*, 233, 243.38
107. Gross A., Fu H., Djorgovski S.G., **Myers A.D.**, Pare D., Steffen J.L. & Wrobel J.M., 2019, [Chandra X-ray Observations of Radio-Selected Dual AGNs](#), *Bulletin of the American Astronomical Society*, 233, 243.26

106. [Higley A.N., Lyke B.W., Schurhammer D.P. & Myers A.D., 2019, Luminous eBOSS Quasars Missing from Visually Inspected SDSS Catalogs, *Bulletin of the American Astronomical Society*, 233, 242.21](#)
105. Sameer, Brandt N., Hall P.B., Anderson S., Vivek M., Filiz Ak N., Grier C., Ahmed N., Luo B., **Myers A.D.**, Rodriguez Hidalgo P., Ruan J. & Schneider D., 2019, [Investigations of transforming BAL quasars](#), *Bulletin of the American Astronomical Society*, 233, 242.07
104. [Kasper D., Cole J.L., Gardner C.N., Garver B.R., Jarka K.L., Kar A., McGough A.M., PeQueen D.J., Rivera D.I., Jang-Condell H., Kobulnicky H., Myers A.D. & Dale D., 2019, Transmission Spectra of Hot Jupiters through Multiple Broadband Filter Observations, *Bulletin of the American Astronomical Society*, 233, 223.02](#)
103. [Lyke B.W., Higley A.N., McLane J., Schurhammer D.P., Myers A.D., Streblyanska A. & du Mas des Bourboux H., 2019, The Sloan Digital Sky Survey Quasar Catalog: Sixteenth Data Release, *Bulletin of the American Astronomical Society*, 233, 162.01](#)
102. [Higley A.N., Lyke B.W., Schurhammer D.P. & Myers A.D., 2018, Improving Automated Spectral Classifications Through Visual Inspections of Outliers, *Bulletin of the American Physical Society*, 4CS, OCT, G1, 59](#)
101. **Myers A.D.**, DiPompeo M.A., Mitra K., Hickox R.C., Chatterjee S. & Whalen K., 2018, [Characterizing the evolution of WISE-selected obscured and unobscured quasars using HOD models](#), *Bulletin of the American Astronomical Society*, 232, 322.01
100. Matthews B., Shemmer O., Brotherton M.S. & the GNIRS-DQS collaboration, 2018, [GNIRS-DQS: A Gemini Near Infrared Spectrograph Distant Quasar Survey](#), *Bulletin of the American Astronomical Society*, 232, 318.09
99. Burrows A.C., **Myers A.D.** & Borowczak M., 2018, [Noyce SWARMS Scholars and Two Professional Development Models \(LASSI and RAMPED\): Summer 2015, 2016, and 2017](#), *Bulletin of the American Astronomical Society*, 232, 122.01
98. Timlin J., Ross N., Richards G., **Myers A.**, Bauer F.E., Lacy M., Schneider D., Wollack E. & Zakamska N., 2018, [The Clustering of High-Redshift \(\$2.9 < z < 5.4\$ \) Quasars in SDSS Stripe 82](#), *Bulletin of the American Astronomical Society*, 231, 250.38
97. [Findlay J., Myers A. & McGreer I., 2018, A search for changing look quasars in second epoch imaging, *Bulletin of the American Astronomical Society*, 231, 250.07](#)
96. **Myers A.**, 2017, [Remnant Echoes: Mapping the Cosmos via Large Spectroscopic Surveys](#), *Bulletin of the American Physical Society*, 4CF, OCT, L4, 1
95. 180 members of the SDSS-V Collaboration, 2017, [SDSS-V: Pioneering Panoptic Spectroscopy](#), *White Paper*, <https://arxiv.org/abs/1711.03234>

94. DiPompeo M.A., Hickox R.C. & Myers A.D., 2017, [Obscured Supermassive Black Hole Growth - Connections to Host Galaxies and Evolutionary Models](#), *American Astronomical Society High Energy Astrophysics Division meeting*, 16, 106.09
93. Findlay J., Hennawi J.F., Prochaska J.X., Fumagalli M., Myers A.D. & Bartle S., 2017, [Quasars Probing Quasars: The quasar pair catalog](#), *Bulletin of the American Astronomical Society*, 230, 316.03
92. Eftekharzadeh S., Myers A.D., Djorgovski S.G. & Graham M.J., 2017, [A large sample of binary quasars: Does quasar bias track from Mpc scales to kpc scales?](#), *Bulletin of the American Astronomical Society*, 229, 430.02
91. Haze Nunez E., Bassett N., Deam S., Dixon D., Griffith E., Harvey W.B., Lee D., Lyke B., Parziale R., Witherspoon C., Myers A.D., Findlay J., Kobulnicky H.A. & Dale D.A., 2017, [New quasar surveys with WIRO: Searching for high redshift \(\$z \sim 6\$ \) quasar candidates](#), *Bulletin of the American Astronomical Society*, 229, 250.07
90. Witherspoon C., Bassett N., Deam S., Dixon D., Griffith E., Harvey W.B., Lee D., Lyke B., Haze Nunez E., Parziale R., Myers A.D., Findlay J., Kobulnicky H.A. & Dale D.A., 2017, [New Quasar Surveys with WIRO: Colors of \$\sim 1000\$ Quasars at \$0 < z < 3\$](#) , *Bulletin of the American Astronomical Society*, 229, 250.06
89. Lyke B., Bassett N., Deam S., Dixon D., Griffith E., Harvey W.B., Lee D., Haze Nunez E., Parziale R., Witherspoon C., Myers A.D., Findlay J., Kobulnicky H.A. & Dale D.A., 2017, [New Quasar Surveys with WIRO: Data and Calibration for Studies of Variability](#), *Bulletin of the American Astronomical Society*, 229, 250.05
88. Bassett N., Deam S., Dixon D., Griffith E., Harvey W.B., Lee D., Lyke B., Haze Nunez E., Parziale R., Witherspoon C., Myers A.D., Findlay J., Kobulnicky H.A. & Dale D.A., 2017, [New Quasar Surveys With WIRO: Planning and Depth of Observations](#), *Bulletin of the American Astronomical Society*, 229, 250.04
87. Griffith E., Bassett N., Deam S., Dixon D., Harvey W.B., Lee D., Lyke B., Haze Nunez E., Parziale R., Witherspoon C., Myers A.D., Findlay J., Kobulnicky H.A. & Dale D.A., 2017, [New quasar surveys with WIRO: The light curves of quasars over \$\sim 15\$ year timescales](#), *Bulletin of the American Astronomical Society*, 229, 250.03
86. Deam S., Bassett N., Dixon D., Griffith E., Harvey W.B., Lee D., Lyke B., Haze Nunez E., Parziale R., Witherspoon C., Myers A.D., Findlay J., Kobulnicky H.A. & Dale D.A., 2017, [New quasar surveys with WIRO: UV variability of known quasars behind M33](#), *Bulletin of the American Astronomical Society*, 229, 250.02
85. Harvey W.B., Bassett N., Deam S., Dixon D., Griffith E., Lee D., Lyke B., Haze Nunez E., Parziale R., Witherspoon C., Myers A.D., Findlay J., Kobulnicky H.A. & Dale D.A., 2017, [New quasar surveys with WIRO: Color-selection of quasar candidates behind M33](#), *Bulletin of the American Astronomical Society*, 229, 250.01

84. 292 members of the DESI Collaboration, 2016, [The DESI Experiment Part II: Instrument Design](https://arxiv.org/abs/1611.00037), *White Paper*, <https://arxiv.org/abs/1611.00037>
83. 292 members of the DESI Collaboration, 2016, [The DESI Experiment Part I: Science, Targeting, and Survey Design](https://arxiv.org/abs/1611.00036), *White Paper*, <https://arxiv.org/abs/1611.00036>
82. Silva D.R., Blum R.D., Allen L., Dey A., Schlegel D.J., Lang D., Moustakas J., Meisner A.M., Valdes F., Patej A., **Myers A.D.**, Sprayberry D., Saha A., Olsen K.A., Safonova S., Yang Q., Burleigh K.J. & the MzLS Team, 2016, [The Mayall z-band Legacy Survey](https://doi.org/10.1093/baas/aaw022), *Bulletin of the American Astronomical Society*, 228, 317.02
81. Blum R.D., Burleigh K., Dey A., Schlegel D.J., Meisner A.M., Levi M., **Myers A.D.**, Lang D., Moustakas J., Patej A., Valdes F., Kneib J.-P., Huanyuan S., Nord B., Olsen K.A., Delubac T., Saha A., James D., Walker A.R. & the DECaLS Team, 2016, [The DECam Legacy Survey](https://doi.org/10.1093/baas/aaw021), *Bulletin of the American Astronomical Society*, 228, 317.01
80. [Eftekharzadeh S.](https://doi.org/10.1093/baas/aaw020), **Myers A.D.**, Djorgovski S.G., Graham M.J., Hennawi J.F., Mahabal A.A. & Richards G.T., 2016, [Clustering on very small scales from a large, complete sample of confirmed quasar pairs](https://doi.org/10.1093/baas/aaw020), *Bulletin of the American Astronomical Society*, 228, 315.03
79. [Singh V.](https://doi.org/10.1093/baas/aaw019), Brotherton M.S., [DiPompeo M.A.](https://doi.org/10.1093/baas/aaw019) & **Myers A.D.**, 2016, [A VLA Survey of "Polar?" BAL QSOs](https://doi.org/10.1093/baas/aaw019), *Bulletin of the American Astronomical Society*, 228, 314.09
78. **Myers A.D.**, [DiPompeo M.A.](https://doi.org/10.1093/baas/aaw018), Hickox R.C. & Runnoe J.C., 2016, [In the Dusty Recesses: Characterizing the Dark Matter Halos of Obscured Quasars via Clustering and CMB Lensing](https://doi.org/10.1093/baas/aaw018), *Bulletin of the American Astronomical Society*, 228, 314.05
77. [Eftekharzadeh S.](https://doi.org/10.1093/baas/aaw017), **Myers A.D.**, Kourkchi E., [DiPompeo M.A.](https://doi.org/10.1093/baas/aaw017), White M., Weinberg D.H., Font-Ribera A., Ge J., Paris I., Ross N.P., Schneider D.P., Shen Y. & Streblyanska A., 2016, [Quasar clustering at intermediate redshift - Analysis of systematics and of luminosity effects](https://doi.org/10.1093/baas/aaw017), *Bulletin of the American Astronomical Society*, 227, 443.01
76. [Mason M.](https://doi.org/10.1093/baas/aaw016), Brotherton M.S. & **Myers A.D.**, 2016, [Evaluating and Improving Redshift Determinations in High-z Quasars](https://doi.org/10.1093/baas/aaw016), *Bulletin of the American Astronomical Society*, 227, 438.06
75. Timlin J., Ross N., Richards G.T., Lacy M., Bauer F.E., Brandt W.N., Fan X., Haggard D., Makler M., **Myers A.D.**, Schneider D.P., Strauss M.A., Urry C.M., Zakamska N.L. & the SpIES collaboration, 2016, [SpIES: The Spitzer IRAC Equatorial Survey](https://doi.org/10.1093/baas/aaw015), *Bulletin of the American Astronomical Society*, 227, 349.05
74. Diamond-Stanic A., Lucatello S., Aragon-Salamanca A. Cherinka B., Cunha K.M.L., Gillespie B.A., Hagen A., Jones A., Kinemuchi K., Lundgren B., **Myers A.D.**, Roman A., Zasowski G. & the SDSS-IV collaboration, 2015, [The SDSS-IV in 2015: Report of the Committee on the Participation of Women in the Sloan Digital Sky Survey](https://doi.org/10.1093/baas/aaw014), *Bulletin of the American Astronomical Society*, 227, 349.03

73. Ross N., Richards G., Timlin J., **Myers A.**, McGreer I. & Outram P., 2015, [Quasar Selections and Surveys: An Optical and new mid-IR perspective](#), Demographics and Environment of AGN from Multi-Wavelength Surveys, 90
72. Burrows A., **Myers A.**, DiPompeo M., Borowczak M., Schwartz A., French D., Hall S. & Peterson, F., 2015, [Partnerships: A Systemic Study of Two Professional Developments](#), National Science Teachers Association (NSTA) Area Conference in conjunction with the Association for Science Teacher Education (ASTE), Reno, NV
71. Hainline K., Hickox R.C., Carroll C.M., **Myers A.D.**, DiPompeo M.A. & Trouille L., 2015, [Obscured Quasars: Finding and Understanding the Most Luminous Active Supermassive Black Holes with SALT](#), SALT conference, 28
70. French D., Burrows A.C. & **Myers A.D.**, 2015, [Launching Astronomy: Standards and STEM Integration \(LASSI\)](#), *Bulletin of the American Astronomical Society*, 225, 436.04
69. **Myers A.D.**, Diamond-Stanic A., Gallagher J.S., Gillespie B.A., Ho S., Kinemuchi K., Lucatello S., Lundgren B., Tremonti C.A., Zasowski G. & the SDSS-III and SDSS-IV collaborations, 2015, [Report of the Committee on the Participation of Women in the Sloan Digital Sky Survey](#), *Bulletin of the American Astronomical Society*, 225, 336.54
68. Timlin J., Ross N., Richards G.T., Lacy M., Bauer F.E., Brandt W.N., Fan X., Haggard D., Makler M., **Myers A.D.**, Strauss M.A., Urry C.M., and the SpIES Team, 2015, [SpIES: The Spitzer IRAC Equatorial Survey](#), *Bulletin of the American Astronomical Society*, 225, 336.18
67. Schlegel D.J., Blum R.D., Castander F.J., Dey A., Finkbeiner D.P., Foucaud S., Honscheid K., James D., Lang D., Levi M., Moustakas J., **Myers A.D.**, Newman J., Nord B., Nugent P.E., Patej A., Reil K., Rudnick G., Rykoff E.S., Ford Schlafly E., Stark C., Valdes F., Walker A.R., Weaver B., and the DECam Legacy Survey Collaboration, 2015, [The Dark Energy Spectroscopic Instrument \(DESI\): The NOAO DECam Legacy Imaging Survey and DESI Target Selection](#), *Bulletin of the American Astronomical Society*, 225, 336.07
66. Schwartz A.C., Burrows A.C. & **Myers A.D.**, 2015, [Learning to Work with Databases in Astronomy: Quantitative Analysis of Science Educators' and Students' Pre-/Post-Tests](#), *Bulletin of the American Astronomical Society*, 225, 245.05
65. Hickox R.C., Carroll C.M., Hainline K.N., Chen C-T.J., **Myers A.D.** & DiPompeo M.A., 2015, [Spectral energy distributions and photometric redshifts for WISE-selected obscured quasars](#), *Bulletin of the American Astronomical Society*, 225, 204.05
64. LaMassa S.M., Cales S., Moran E.C., **Myers A.D.**, Richards G.T., Eracleous M., Heckman T.M., Gallo L.C. & Urry C.M., 2015, [Discovery of the First Changing-Look Quasar](#), *Bulletin of the American Astronomical Society*, 225, 204.01

63. Peters C.M., Richards G.T., **Myers A.D.** & Ross N., 2015, [Quasar Selection using Optical Photometry and Variability](#), *Bulletin of the American Astronomical Society*, 225, 144.43
62. Richards G.T., **Myers A.D.** & Peters C.M., 2015, [Quasar Selection in the Optical + MIR](#), *Bulletin of the American Astronomical Society*, 225, 144.38
61. Schwortz A.C., Eftekharzadeh S., **Myers A.D.** & Shen Y., 2015, [Quasar Clustering from SDSS DR7: Dependencies on FIRST Radio Magnitudes](#), *Bulletin of the American Astronomical Society*, 225, 144.15
60. **Myers A.D.** & 21 members of the SDSS-III/IV collaboration, 2014, [Using Quasars from SDSS-III/SEQUELS to Characterize SDSS-IV/eBOSS selection](#), *Bulletin of the American Astronomical Society*, 224, 410.07
59. Hainline K., Hickox R.C., Carroll C.M., **Myers A.D.**, Trouille L. & DiPompeo M.A., 2014, [Searching for Obscured Quasars with WISE and the Southern African Large Telescope](#), *Bulletin of the American Astronomical Society*, 224, 410.01
58. Nguyen M.L., Chatterjee S., **Myers A.D.**, Zheng Z., Rozo E. & Rykoff E., 2014, [Breaking Degeneracies between Quasar Halo Occupation Distribution Models : Extending Direct Measurements to Redshift 0.6](#), *Bulletin of the American Astronomical Society*, 224, 221.05
57. Rochais T., DiPompeo M.A., **Myers A.D.** & Brotherton M.S, 2014, [Radio-Loud and Radio-Quiet BAL Quasars Differ Only in Their Radio Properties](#), *Bulletin of the American Astronomical Society*, 224, 221.04
56. Eftekharzadeh S., **Myers A.D.**, White M. & 19 members of the SDSS-III collaboration, 2014, [The Clustering of Quasars at Redshift 2.5 from the Final SDSS-III/BOSS Sample](#), *Bulletin of the American Astronomical Society*, 224, 221.01
55. Ho S., & 52 members of the SDSS-III collaboration, 2014, [Baryon Acoustic Oscillations in Lyman Alpha Forest - Quasar Cross-Correlations](#), *Bulletin of the American Astronomical Society*, 223, 457.10
54. Nguyen M.L., Chatterjee S., **Myers A.D.**, Zheng Z., Rozo E. & Rykoff E., 2014, [Breaking Degeneracies between Quasar Halo Occupation Distribution Models: Extending Direct Measurements to Redshift 0.6](#), *Bulletin of the American Physical Society*, APR, L1, 58
53. Schlegel D.J., Delubac T., Busca N.G., Rich J., Bailey S.J., Bautista J., Front A., Kirkby D., Le Goff J., Pieri M., Slosar A. & 26 members of the SDSS-III collaboration, 2014, [Measurements of D_A and H at z=2.4 from the SDSS-III/DR11 BOSS Lyman-alpha sample](#), *Bulletin of the American Astronomical Society*, 223, 456.05

52. [Bhattacharjee A., Chatterjee S., Myers A.D., Brotherton M.S., Newman J., Aird J., Cooper M., Jeltema T.E., Nandra K., Yan R., Willmar C., Montero-Dorta A. & Laird E., 2014, Diffuse X-Ray Emission in Active and Normal Galaxies in the Extended Groth Strip, *Bulletin of the American Astronomical Society*, 223, 251.28](#)
51. [Hickox R.C., Hainline K. & Myers A.D., 2014, A spectroscopic survey of WISE-selected obscured quasars with SALT, *Bulletin of the American Astronomical Society*, 223, 150.38](#)
50. [Hainline K., Hickox R.C., Greene J.E., Myers A.D., Zakamska N.L. & Liu G., 2014, The NLR Size - IR Luminosity Relationship: An Upper Limit on the Size of the Narrow-Line Region?, *Bulletin of the American Astronomical Society*, 223, 126.04](#)
49. [Nguyen M.L., Chatterjee S., Myers A.D. & Zheng Z., 2013, A Direct Measurement of the Mean Occupation Function of Quasars: Breaking Degeneracies Between Halo Occupation Distribution Models, *Bulletin of the American Physical Society*, 4CF, SEP, D2, 4](#)
48. [Nguyen M.L., Chatterjee S. & Myers A.D., 2013, A Direct Measurement of the Mean Occupation Function of Quasars: Breaking Degeneracy of Halo Occupation Distribution Models, *Bulletin of the American Physical Society*, APR, K2, 36](#)
47. [Chatterjee S., Richardson J., Zheng Z., Myers A. & Hickox R., 2013, The Halo Occupation Distribution of X-ray-Bright Active Galactic Nuclei: A Comparison with Luminous Quasars, *Bulletin of the American Physical Society*, APR, K2, 35](#)
46. [Harris D., Dawson K.S. & Myers A.D., 2013, Quasar Composite Spectra With BOSS, *Bulletin of the American Astronomical Society*, 222, 215.05](#)
45. [Bovy J., Hennawi J.F., Hogg D.W., Myers A.D., Kirkpatrick J.A., Schlegel D.J., Ross N.P., Sheldon E.S., McGreer I.D., Schneider D.P. & Weaver B.A., 2013, XDQSO: Photometric quasar probabilities and redshifts, 2013, Astrophysics Source Code Library, 2016](#)
44. [Nguyen M.L., Chatterjee S. & Myers A.D., 2013, A Direct Measurement of the Quasar Mean Occupation Function, *Bulletin of the American Astronomical Society*, 221, 430.06](#)
43. [DiPompeo M.A., Brotherton M.S. & Myers A.D., 2013, An IR Excess Identified in Radio-Loud BAL Quasars, *Bulletin of the American Astronomical Society*, 221, 430.04](#)
42. [Ross N., Hamann F.W., Alexandroff R., Brandt W.N., Strauss M.A., Dey A., Richards G.T., Worseck G., Zakamska N.L., Eisenstein D., Ge J., Glikman E., Greene J.E., Haggard D., Krolik J.H., Myers A.D., Petitjean P., Streblyanska A., Schawinski K., Shen Y., Villforth C. & McMahon R., 2013, A "WISE BOSS": Finding The Cosmic Monsters in the Mid-Infrared Lochs, *Bulletin of the American Astronomical Society*, 221, 418.08](#)
41. [Lundgren B., AlSayyad Y., Ge J., Hamann F.W., Ménard B., Miralda J., Myers A.D., Paris I., Rafols I. Perez i., Petitjean P., Pieri M., Ross N., Schneider D.P., Tinker J.,](#)

- Vikas S.K., Wake D., Wood-Vasey, W.M., York D.G. & Zhu G., 2013, [The Clustering and Evolution of Mg II and C IV Absorption Systems in the BOSS Quasar Spectra](#), *Bulletin of the American Astronomical Society*, 221, 402.05
40. Borde A., Yeche C., Palanque-Delabrouille N., Croft R.A., Font A., LeGoff J., McDonald P., Miralda J., **Myers A.D.**, Petitjean P., Pieri M., Slosar A., Viel M., Weinberg D.H., York D.G. & Rossi G., 2013, [Measurement of the 1D Lyman-alpha Power Spectrum with the DR9 BOSS Quasar Data](#), *Bulletin of the American Astronomical Society*, 221, 402.02
39. Shen Y., McBride C., White M., Zheng Z., **Myers A.D.**, Kirkpatrick J., Padmanabhan N., Ross N., Parejko J.K., Swanson M., Schlegel D.J. & Zehavi I., 2013, [Cross Correlation of SDSS DR7 Quasars and DR10 BOSS Galaxies: The Weak Luminosity Dependence of Quasar Clustering at 0.5](#), *Bulletin of the American Astronomical Society*, 221, 307.06
38. Hickox R.C., **Myers A.D.**, Greene J.E., Zakamska N.L., Hainline K. & DiPompeo M.A., 2013, [Colors and Composite SEDs of Type 1 and Type 2 Quasars with SDSS, WISE, and GALEX](#), *Bulletin of the American Astronomical Society*, 221, 133.08
37. Pilachowski C., & 89 co-authors, 2012, [Addressing Decadal Survey Science through Community Access to Highly Multiplexed Spectroscopy with BigBOSS on the KPNO Mayall Telescope](#), *White Paper*, <https://arxiv.org/abs/1211.0285>
36. Hall P.B., Brandt W.N., Petitjean P., Ak N.F., Paris I., Aubourg E., Anderson S.F., Schneider D.P., Bizyaev D., Brinkmann J., **Myers A.D.**, Malanushenko E., Malanushenko V., Oravetz D.J., Ross N.P., Shelden A., Simmons A.E., Weaver B.A. & York D.G., 2012, [BAL Quasars with Redshifted Troughs](#), *AGN Winds in Charleston*, 460, 78
35. DiPompeo M.A., Brotherton M.S., De Breuck C., Laurent-Muehleisen S. & **Myers A.D.**, 2012, [The First Direct Measure of BAL Quasar Orientations](#), *Bulletin of the American Astronomical Society*, 219, 435.02
34. Lundgren B., York D.G., AlSayyad Y., **Myers A.**, Petitjean P., Pieri M., Ross N., Vikas S. & Wood-Vasey M., 2012, [New Results from a Census of Metal Absorption Lines in the BOSS DR9 Quasar Spectra](#), *Bulletin of the American Astronomical Society*, 219, 342.03
33. **Myers A.D.**, Palanque-Delabrouille N., Schlegel D.J., Yeche C., Aubourg E., Bailey S., Dey A., Eftekharzadeh S., Fan X., Magneville C., Paris I., Petitjean P., Ross N.P., 2012, [The BigBOSS QSO Pilot Survey](#), *Bulletin of the American Astronomical Society*, 219, 335.12
32. **Myers A.D.**, Aubourg E., Bailey S., Bovy J., Fan X., Ho S., Jiang L., Miralda-Escude J., Palanque-Delabrouille N., Petitjean P., Ross N., Schlegel D., Schneider D., Strauss M., Weinberg D., White M., Yeche C. & Zehavi I., 2012, [Clustering Near the Epoch of Peak Quasar Activity with SDSS-III/BOSS](#), *Bulletin of the American Astronomical Society*, 219, 324.04

31. Croft R.A. & 46 members of the SDSS-III collaboration, 2012, [Dense Sampling and Large Volume: The Structure of the Intergalactic Medium from 50,000 SDSS3 BOSS Quasar Absorption Spectra](#), *Bulletin of the American Astronomical Society*, 219, 324.03
30. Ross A.J., Percival W.J. & 45 members of the SDSS-III collaboration, 2012, [The 3D Clustering of BOSS DR9 Galaxies](#), *Bulletin of the American Astronomical Society*, 219, 324.02
29. Ho S., Cuesta A., Ross A., Seo H., DePutter R., Padmanabhan N., White M., **Myers A.** & 18 members of the SDSS-III collaboration, 2012, [Cosmology with Large Scale Structure](#), *Bulletin of the American Astronomical Society*, 219, 324.01
28. Vikas S.K., Wood-Vasey M., Lundgren B., **Myers A.**, Ross N.P., York D. & AlSaiyad, Y., 2012, [CIV Absorbers Clustering At \$z \sim 2.4\$](#) , *Bulletin of the American Astronomical Society*, 219, 304.04
27. MacLeod C., Butler N., Anderson S.F., Gibson R., Ross N.P., Ivezić Z., Kimball A., Brandt N., Strauss M., Kochanek C. S. & **Myers A.**, 2012, [No Quasar Left Behind](#), *Bulletin of the American Astronomical Society*, 219, 243.28
26. Richards G.T., Mehta S.S., Peters C.M., Myers A.D. & Ross N.P., 2012, [Multi-dimensional Quasar Selection from Optical, Near-IR, and Astrometric Data](#), *Bulletin of the American Astronomical Society*, 219, 243.02
25. McGreer I.D., Jiang L., Fan X., Ross N.P., Eskew M.R., **Myers A.D.** & Schneider D.P., 2012, [The \$z \sim 5\$ Quasar Luminosity Function From SDSS Stripe 82](#), *Bulletin of the American Astronomical Society*, 219, 209.07
24. Ross N.P., McGreer I.D., White M., **Myers A.D.**, Richards G.T., Strauss M.A., Anderson S.F., Bailey S., Fan X., Palanque-Delabrouille N., Petitjean P., Schawinski K., Schneider D.P., Silverman J., Weinberg D.H., Yèche C. & York D.G., 2012, [The SDSS-III BOSS DR9 Quasar Luminosity Function](#), *Bulletin of the American Astronomical Society*, 219, 209.06
23. Hickox R.C., Wardlow, J.L., **Myers A.D.** & Smail I., 2011, [Clustering and dark matter halo masses of 870- \$\mu\text{m}\$ selected SMGs](#), *Galaxy Formation: An International Conference*, id.P112, 112P
22. Green P.J., **Myers A.D.**, Barkhouse W.A., Trichas M., Aldcroft T.L., Ruiz A., Hopkins P. & Richards G.T., 2011, [Binary Quasars Observed by Chandra](#), *Bulletin of the American Astronomical Society*, 218, 228.33
21. Mehta S.S., Richards G.T. & **Myers A.D.**, 2011, [Optical+Near-IR Bayesian Classification of Quasars](#), *Bulletin of the American Astronomical Society*, 218, 327.09

20. Djorgovski S.G., Fu H., **Myers A.D.**, Yan L. & Stockton A., 2011, [Discovery of a Population of Close Binary AGN: Observing the Hierarchical Assembly of Supermassive Black Holes](#), *Bulletin of the American Astronomical Society*, 217, 310.07
19. Green P.J., **Myers A.D.**, Barkhouse W.A., Mulchaey J.S., Bennert V.N., Cox T.J., Aldcroft T.L. & Wrobel J.M., 2011, [A Unique Merging Pair among Luminous Binary Quasars: SDSS J1254+0846](#), *Bulletin of the American Astronomical Society*, 217, 310.04
18. **Myers A.D.**, Bovy J., Ho S., Martin V., Hogg D.W., Hennawi J.F., Slosar A., White M., Schlegel D.J., Brunner R.J., Verde L., Kindratenko V.V., Ross N., Weinberg D.H., Strauss M.A., Schneider D.P. & Bahcall N.A., 2011, [The Angular Power-Spectrum of SDSS Quasars Photometrically Classified through Extreme Deconvolution](#), *Bulletin of the American Astronomical Society*, 217, 222.06
17. Bovy J., Hennawi J.F., Hogg D.W., **Myers A.D.** & Ross N.P., 2011, [The SDSS-XDQSO quasar targeting catalog](#), *Bulletin of the American Astronomical Society*, 217, 222.05
16. Hickox R.C., **Myers A.D.** & the Boötes Survey Collaboration, 2011, [Black Holes and Starbursts in the Cosmic Web: Clustering and Evolution of Quasars and Submillimeter Galaxies](#), *Bulletin of the American Astronomical Society*, 217, 106.05
15. Ross N., Sheldon E.S., **Myers A.D.**, Yèche C., Richards G.T., McMahon R.G., Hennawi J.F., Lee K., Wood-Vasey W.M., Weyant A., Petitjean P., Eisenstein D.J., Nichol R.C., Padmanabhan N., Schlegel D.J., Schneider D.P., Strauss M.A., Weinberg D.H. & White M., 2010, [The SDSS-III Baryon Oscillation Spectroscopic Survey: Quasar Target Selection for Data Release Nine](#), 2010, *Bulletin of the American Astronomical Society*, 42, 471.04
14. Ball N.M., **Myers A.D.**, White M., Hickox R.C. & Brunner R.J., 2010, [Breaking The Quasar L-z Degeneracy Using PDF-weighted Quasar-galaxy Cross-correlations In Deep, Wide NASA Fields](#), *Bulletin of the American Astronomical Society*, 42, 409.05
13. Ball N.M., Brunner R.J. & **Myers A.D.**, 2008, [Robust Machine Learning Applied to Terascale Astronomical Datasets](#), in *Astronomical Data Analysis Software and Systems*, ASP Conference Series, eds. Robert W. Argyle, Peter S. Bunclark, and James R. Lewis., 394, 201
12. Richards G.T., **Myers A.**, Brunner R., Strand N., Nichol R., Gray A., Riegel R., Lacy M., & Szalay A., 2007, [Photometric Quasars: The One Million Mark and 9-D SDSS+Spitzer Selection](#), *Bulletin of the American Astronomical Society*, 211, 142.02
11. Kindratenko V.V., Brunner R.J. & **Myers A.D.**, 2007, [Mittrion-C Application Development on SGI Altix 350/RC100](#), in *Proceedings of the Fifteenth Annual IEEE Symposium on Field-Programmable Custom Computing Machines - FCCM'07*

10. Kindratenko V.V., Brunner R.J. & **Myers A.D.**, 2007, [Dynamic load-balancing on multi-FPGA systems: a case study](#), in *Proceedings of the 3rd Annual Reconfigurable Systems Summer Institute - RSSI'07*
9. Brunner R.J., Kindratenko V.V. & **Myers A.D.**, 2007, [Developing and Deploying Advanced Algorithms to Novel Supercomputing Hardware](#), in *Proceedings of the NASA Science Technology conference - NSTC'07*
8. Richards G.T., Brunner R.J., Gray A., Lacy M., **Myers A.**, Nichol R. & Riegel R., 2006, [Bayesian Quasar Classification in the Optical/Mid-IR](#), *Bulletin of the American Astronomical Society*, 209, 149.04
7. Ross A.J., Brunner R.J. & **Myers A.D.**, [Precision Measurements of Higher-Order Angular Galaxy Correlations Using 10 Million SDSS Galaxies](#), *Bulletin of the American Astronomical Society*, 208, 13.01
6. Ball N.M., Brunner R.J., **Myers A.D.** & Tcheng D., 2006, [Robust Classification of 143 Million SDSS Objects Via Decision Tree Learning](#), *Bulletin of the American Astronomical Society*, 208, 12.01
5. Croom S., Boyle B., Shanks T., Outram P., **Myers A.**, Smith R., Miller L., Lopes A., Loaring N. & Hoyle F., 2005, [Cosmology From the 2dF QSO Redshift Survey](#), in *Maps of the Cosmos, Proceedings of IAU Symposium No. 216*, eds. M. Colless, L. Staveley-Smith & R. Stathakis, 216, 95
4. Richards G. & 25 members of the 2SLAQ and SDSS collaborations, 2004, [The SDSS-DR3 and 2dF-SDSS Quasar Luminosity Functions](#), *Bulletin of the American Astronomical Society*, 205, 167.03
3. Croom S., Boyle B., Shanks T., Outram P., **Myers A.**, Smith R., Miller L., Lopes A., Loaring N. & Hoyle F., 2004, [The 2dF QSO Redshift Survey](#), in *Multiwavelength AGN Surveys; proceedings of the Guillermo Halo Conference*, eds. R. Mújica & R. Maiolino, 57
2. Outram P.J., Shanks T., Boyle B.J., Croom S.M., Hoyle F., Loaring N.S., Miller L., **Myers A.D.** & Smith R.J., 2004, [The 2dF QSO Redshift Survey](#), in *Multiwavelength Cosmology*, eds. M. Plionis, *Part of the Astrophysics and Space Science Library (ASSL) book series*, 301
1. **Myers A.D.**, Shanks T., Outram P.J. & The 2dF QSO Redshift Team, 2002, [Statistical Lensing in the 2QZ](#), in *A New Era in Cosmology*, ASP Conference Series, eds. T. Shanks & N. Metcalfe, 283, 82

CONTRACTS & GRANTS (EXTRAMURAL)

(Projects are only listed if my research group actually received, or would have received, funding)

Funded Projects as PI (~\$2.74million)

- 2021-2024 *Work on DESI Operations at the University of Wyoming, PI Adam Myers, DOE HEP Comparative Review, \$240,000*
- 2021-2021 *Target Selection for Survey Validation, PI Adam Myers, UC Berkeley sub-award, \$29,398*
- 2020-2020 *DESI target selection for Survey Validation, PI Adam Myers, UC Berkeley sub-award, \$30,555*
- 2018-2021 *eBOSS and DESI: LSS Catalogs, Targeting and Spectroscopic Contaminants, PI Adam Myers, DOE HEP Comparative Review, \$205,000*
- 2016-2019 *Quality assurance and data reduction for the Beijing-Arizona Sky Survey (BASS), PI Adam Myers, UC Berkeley sub-award, \$171,000*
- 2016-2018 *Unveiling hidden black holes in the cosmic web: Dark matter halos of WISE quasars from Planck CMB lensing, PI Ryan Hickox, Science PI Adam Myers, CoPI Michael DiPompeo, NASA ADAP, \$335,238*
- 2015-2017 *Collaborative Research: Cross-correlation of WISE quasars with the Planck CMB lensing maps: A new probe of black holes and large-scale structure, PI Adam Myers, CoPIs Ryan Hickox, Andrea Burrows, NSF AST/AAG, \$176,197*
- 2012-2016 *Collaborative Research: The Hidden Side of Rapidly Growing Black Holes: Host Masses and Evolution of Obscured Quasars with SDSS and WISE, PI Adam Myers, CoPIs Andrea Burrows, Ryan Hickox, NSF AST/AAG, \$249,228*
- 2012-2016 *The Hidden Side of Rapidly Growing Black Holes: Host Masses and Evolution of Obscured Quasars with WISE, Chandra, XMM, Spitzer and GALEX, PI Adam Myers, CoPI Ryan Hickox, NASA ADAP, \$295,385*
- 2011-2015 *Initiating a Bold New Generation of Surveys at the Wyoming Infrared Observatory, Science PIs Adam Myers and Chip Kobulnicky, CoPIs Paul Johnson, Daniel Dale, Lee Armus, NASA EPSCoR, \$750,000*
- 2011-2013 *Galaxy Environments Versus X-ray Activity in the ChaMP/SDSS, PI Adam Myers, NASA Chandra Telescope GO Program transfer, \$20,764*

- 2011-2013 *Quasars and the Moderate Redshift Universe*, PI Adam Myers, *Alexander von Humboldt Foundation*, ~\$47,000
- 2008-2011 *Breaking Quasar Clustering Degeneracies with AGN and Galaxies from the Multi-Wavelength Cosmos Survey*, PI Adam Myers, *NASA ADAP*, \$188,068

Funded Projects as CoPI (~\$4.40million)

- 2019-2022 *CS For All:RPP - Booting Up Computer Science in Wyoming*, PI Mike Borowczak, CoPIs Andrea Burrows, Adam Myers, Lars Kotthoff, *NSF STEM+C Partnerships Program*, \$999,929
- 2018-2023 *Collaborative Research: Placing High-Redshift Quasars in Perspective: a Gemini Near-Infrared Spectroscopic Survey*, PI Michael Brotherton, CoPIs Adam Myers, Ohad Shemmer *NSF AST/AAG*, \$375,753
- 2018-2018 *Robotics, Applied Mathematics, Physics, and Engineering Design II - Cybersecurity and the Internet of Things*, PI Andrea Burrows, CoPIs Mike Borowczak, Adam Myers, Amy Banic, Lars Kotthoff, Chao Lan, *Wyoming Department of Education MSP*, \$297,612
- 2016-2019 *Quasars and Large Scale Structure: Gigaparsec-scale simulations confront Large Survey Data*, PI Tiziana di Matteo, CoPIs Shirley Ho, Adam Myers, *NSF AST/AAG*, \$534,973
- 2016-2017 *Robotics, Applied Mathematics, Physics, and Engineering Design*, PI Andrea Burrows, CoPIs Adam Myers, Suresh Muknahallipatna, Robert Kubichek, *Wyoming Department of Education MSP*, \$213,843
- 2014-2015 *Launching Astronomy: Standards and STEM Integration (LASSI)*, PI Andrea Burrows, CoPIs Adam Myers, Joel Pontius, Roger Spears *Wyoming Department of Education MSP*, \$165,191
- 2013-2016 *SpIES: The Spitzer-IRAC Equatorial Survey*, PI Gordon Richards, Funded CoPIs Mark Lacy, Robert Lupton, Adam Myers, David Spergel, Michael Strauss, Alex Szalay, *NASA Spitzer Cycle 9*, \$440,000
- 2012-2016 *The Ultimate Multiwavelength Quasar Survey*, PI Gordon Richards, CoPI Adam Myers, *NASA ADAP*, \$283,227
- 2010-2012 *Galaxy Environments Versus X-ray Activity in the ChaMP/SDSS*, PI Paul Green, CoPI Adam Myers, *NASA Chandra Cycle 11 GO*, \$113,800
- 2009-2011 *Leveraging Spitzer's Legacy: Quasars and Feedback at High Redshift*, PI Gordon Richards, CoPIs Scott Anderson, Franz Bauer, Rajesh Deo,

Xiaohui Fan, Sarah Gallagher, Adam Myers, Michael Strauss, Nadia Zakamska, *NASA Spitzer Cycle 6*, \$56,450

2009-2010 *Two to Tango? Binary Quasars, their Environments and the Merger Hypothesis*, PI Paul Green, CoPIs Thomas Aldcroft, Wayne Barkhouse, Philip Hopkins, Adam Myers, Gordon Richards, *NASA Chandra Cycle 10 GO*, \$93,300

2006-2010 *Developing and Deploying Advanced Astrophysical Algorithms to Novel Supercomputing Hardware*, PI Robert Brunner, CoPIs Nicholas Ball, Volodymyr Kindratenko, Adam Myers, *NASA AISR*, \$779,197

2006-2008 *Robust Object Classification in a GALEX-SDSS Federated Dataset*, PI Nicholas Ball, CoPIs Robert Brunner, Adam Myers, *NASA GALEX Cycle 2*, \$45,000

Funded Projects as Senior Personnel (~\$1.44million)

2016-2019 *REU Site: Wyoming Astronomy*, PI Daniel Dale, CoPI Chip Kobulnicky, *NSF Special Programs in Astronomy*, \$249,080

2014-2021 *Sustaining Wyoming's Advancing Reach in Mathematics and Science (SWARMS)*, PI Andrea Burrows, CoPIs Jennifer Allen, Daniel Dale, Paul Escoto, Farhad Jafari, Astrid Northrup, Tim Slater, *NSF Noyce*, \$1,186,365

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Membership and Affiliations:

Member, *American Physical Society* (2020-present)

Associate Member Participant, *Dark Energy Spectroscopic Instrument* (2016-present)

Experienced Researcher, *Alexander von Humboldt Foundation* (2011-2013)

External Participant, *Sloan Digital Sky Survey* (2010-2015)

Consultant, *Harvard-Smithsonian Center for Astrophysics* (2009, 2010)

Member, *American Astronomical Society* (2008-present)

External Collaborator, *Sloan Digital Sky Survey* (2005-2009)

Office and Leadership:

Targeting Scientist for Operations, *Dark Energy Spectroscopic Instrument* (2020-present)

Level 3 Targeting Manager, *Dark Energy Spectroscopic Instrument* (2016-2019)

Documentation/Website Lead, *The Legacy Surveys* (2015-present)

Tiling and Scheduling Team Lead, *DECam Legacy Survey* (2014)

Liaison to the University of Wyoming, *American Astronomical Society* (2013-present)

Low-z Quasar Target Selection Lead, *eBOSS Survey* (2013-2020)

Review Boards and Committees:

Scientific Organizing Committee, *DESI Survey Validation Workshop, Virtual* (2020)

Panel Member, *SDSS-V: Multi-Object Spectroscopy Review*, Denver, CO (2019)
Scientific Organizing Committee, “*Are AGN special?*” Conference, Durham, UK (2018)
Student Presentation Judge, *American Physical Society 4 Corners Meeting* (2017)
Panel Member, *Ecology as a Scientific Profession*, University of Wyoming (2015)
Member, *Committee on the Participation of Women in the SDSS Survey* (2013-2016)

Grant Review Panels:

Panel Reviewer, *Department of Energy HEP Cosmic Frontier University Research* (2021)
Panel Reviewer, *NSF Astronomy Grant Review Panel* (2021)
Panel Reviewer, *Department of Energy HEP Cosmic Frontier University Research* (2020)
Panel Reviewer, *NASA Hubble Fellowship Program* (2020)
Panel Reviewer, *Hubble Space Telescope Allocation Committee Cycle 23* (2015)
Panel Reviewer, *NSF Astronomy & Astrophysics Postdoctoral Fellowships* (2013)
Panel Reviewer, *NASA Astrophysics Data Analysis program* (2009)
Panel Reviewer, *NASA’s GALEX Time Allocation Committee* (2009)

Grant Refereeing:

Expert Review, *Research Corporation for Scientific Advancement Cottrell Scholar* (2021)
Expert Review, *UK Science Technology Facilities Council Astronomy Grants* (2021)
Expert Review, *National Science Foundation PIRE program* (2017)
Expert Review, *James Clerk Maxwell Telescope Allocation Committee* (2015)
Expert Review, *China/U.S. Telescope Access Program*, (2014)
Expert Review, *The National Science Foundation* (2009)

Manuscript Refereeing:

Referee, *The Astrophysical Journal Supplement* (2019-present)
Referee, *Astronomy & Astrophysics* (2017-present)
Referee, *The Astronomical Journal* (2013-present)
Referee, *Astrophysics and Space Science* (2013–present)
Referee, *The Journal of Cosmology and Astroparticle Physics* (2007–present)
Referee, *The Astrophysical Journal* (2006-present)
Referee, *Monthly Notices of the Royal Astronomical Society* (2005-present)

HONORS AND AWARDS

(Awarded by the University of Wyoming unless otherwise indicated):

2019, Builder status, *Dark Energy Spectroscopic Instrument Collaboration*
2018, Sabbatical to work with collaborators at Lawrence Berkeley National Laboratory
2017, “Thumbs up” Award, Student Ambassadors, College of Arts and Sciences
2017, PIE Award for Promoting Intellectual Engagement in first-year courses
2016, Faculty Senate Speaker (Spring)
2015, Extraordinary Merit in Research
2015, Architect status, *extended Baryon Oscillation Spectroscopic Survey Collaboration*
2014, PIE Award for Promoting Intellectual Engagement in first-year courses
2011, Senior Fellowship, *Alexander von Humboldt Foundation*, Heidelberg, Germany
2010, Architect status, *Baryon Oscillation Spectroscopic Survey Collaboration*

COLLOQUIA, SYMPOSIA, PRESENTATIONS & WORKSHOPS

(A * denotes a talk given by a student or postdoc working within my research group):

January 2022, *Target Selection for the 5-year Survey of the Dark Energy Spectroscopic Instrument*, CosmoPalooza (replacement for cancelled AAS special session), Worldwide, Virtual (Invited)

September 2021, *Characterizing Cosmic Acceleration with the Dark Energy Spectroscopic Instrument*, Public Lecture, [PRESISION 2021](#), Presidency University, Kolkata, India, Virtual (Invited)

September 2021, *Characterizing Cosmic Acceleration with the Dark Energy Spectroscopic Instrument*, Idaho State University, Pocatello, Idaho, Virtual (Invited)

June 2021, *Preparations to observe the second layer of tiles (“pass=1”)*, DESI Research Forum, Worldwide, Virtual (Invited)

June 2021, *Characterizing Dark Energy via Large Spectroscopic Surveys*, Research Experience For Undergraduates Seminar Series, Laramie, Wyoming

February 2021, *Approved DESI Secondary Programs for Year 1*, DESI Research Forum, Worldwide, Virtual (Invited)

December 2020, *Target Lists for Data Release 9*, Winter 2020 DESI Collaboration Meeting, Worldwide, Virtual (Invited)

November 2020, *Moderator for Session #3: Operations*, DESI Survey Validation Workshop, Worldwide, Virtual

September 2020, *Update on DR9 Imaging*, DESI Galaxy-Quasar-Clustering Working Group, Worldwide, Virtual

July 2020, *Python Programming with Micro:bits*, 5-day workshop, WySLICE Teacher Professional Development, Wyoming, Virtual

April 2020, *Data Release 9 of the DESI Legacy Imaging Surveys*, Advances in Spectroscopic Cosmology Mini-symposium, American Physical Society meeting, Washington D.C., Virtual (Invited)

April 2020, *Mapping the Cosmos with DESI: Targeting and First Spectra*, University of New Mexico, Albuquerque, New Mexico, Virtual (Invited)

March 2020, *Target Selection for mini-SV-2*, Spring DESI Collaboration Meeting, Worldwide, Virtual

September 2019, *SV Target Selection Algorithms and Documentation*, DESI Review of Commissioning and Survey Validation, Tucson, Arizona (Invited)

July 2019, *Cosmology*, Launchpad Science Fiction Writers' Workshop, Laramie, Wyoming

July 2019, *Target Selection Software for DESI*, DESI Collaboration Meeting, Lawrence Berkeley National Laboratory, Berkeley, California

July 2019, *The Billion-light-year Yardstick*, Research Experience for Undergraduates Seminar Series, Laramie, Wyoming

March 2019, *Codes and outputs associated with DESI Target Selection*, DESI Imaging, Target Selection and Survey Validation Workshop, University of Utah, Salt Lake City, Utah (Invited)

*December 2018, *DR16Q Visual Inspections and Redshifts*, eBOSS collaboration meeting, Paris, France, given by Brad Lyke (Invited)

*December 2018, *Quasar Science from TDSS, SPIDERS, and eBOSS*, eBOSS collaboration meeting, Paris, France, given by Brad Lyke

October 2018, *Target Selection Software*, DOE Review of DESI Operations, Lawrence Berkeley National Laboratory, Berkeley, California (Invited)

October 2018, *Targeting Quality Assurance and Tools Update*, DESI collaboration meeting, Barcelona, Spain

July 2018, *Clustering Algorithms*, Robotics, Applied Mathematics, Physics, and Engineering II Teacher Professional Development Workshop, Laramie, Wyoming

June 2018, *Large, Multi-Wavelength Surveys and the Cosmic Evolution of Quasars*, Massive black holes in evolving galaxies: from quasars to quiescence (34th IAP Conference), Institut d'Astrophysique de Paris, Paris, France (Invited)

June 2018, *The Billion-light-year Yardstick*, Research Experience for Undergraduates Seminar Series, Laramie, Wyoming

June 2018, *Cosmology*, Launchpad Science Fiction Writers' Workshop, Laramie, Wyoming

May 2018, *The current status of the desitarget code and the characteristics of the targets it produces*, DESI collaboration meeting, Tucson, Arizona

February 2018, *Target Selection Software*, DOE Review of DESI, Lawrence Berkeley National Laboratory, Berkeley, California (Invited)

December 2017, *Target Selection Software*, DESI Director's Review, Lawrence Berkeley National Laboratory, Berkeley, California (Invited)

December 2017, *DESI Targeting: Current State of Affairs*, DESI Collaboration Meeting, SLAC National Accelerator Laboratory, Stanford, California

October 2017, *Remnant Echoes: Mapping the Cosmos via Large Spectroscopic Surveys*, American Physical Society 4-Corners Meeting, Fort Collins, Colorado (Invited)

August 2017, *Eclipses, Einstein, Eddington, and the shattered star that has yet to shatter*, UW-NPS Research Station, Grand Teton National Park, Wyoming (Invited)

August 2017, *Order of Magnitude Workshop*, Teacher Professional Development, Laramie, Wyoming

June 2017, *Python Coding Workshop*, Research Experience for Undergraduates Seminar Series, Laramie, Wyoming

June 2017, *Introduction to DESI Spectra*, Lawrence Berkeley National Laboratory, Berkeley, California

June 2017, *DESI Targeting and desitarget: Current State of Affairs*, Lawrence Berkeley National Laboratory, Berkeley, California

June 2017, *Cosmology*, Launchpad Science Fiction Writers' Workshop, Laramie, Wyoming

September 2016, *The 2017 Eclipse*, Robotics, Applied Mathematics, Physics, and Engineering Design Teacher Professional Development, Casper, Wyoming

July 2016, *Space Session*, Robotics, Applied Mathematics, Physics, and Engineering Design Teacher Professional Development, Laramie, Wyoming

July 2016, *How do you use a rainbow to tell what the Sun is made of?*, The Artful Craft of Science, University of Wyoming, Laramie, Wyoming

June 2016, *Python Coding Workshop*, Research Experience for Undergraduates Seminar Series, Laramie, Wyoming

June 2016, *How long would the Sun take to collapse?*, Order of Magnitude Teacher Professional Development, University of Wyoming, Laramie, Wyoming

May 2016, *The Billion-light-year Yardstick: Mapping the Universe with Luminous Black Holes*, Board of Visitors, University of Wyoming, Laramie, Wyoming (Invited)

- April 2016, *The Billion-light-year Yardstick: Mapping the Universe with Luminous Black Holes*, Faculty Senate Speaker Series, University of Wyoming, Casper, Wyoming (Invited)
- April 2016, *The Billion-light-year Yardstick: Mapping the Universe with Luminous Black Holes*, Faculty Senate Speaker Series, University of Wyoming, Laramie, Wyoming (Invited)
- March 2016, *DESI Data Systems Target Selection Pipeline*, Lawrence Berkeley National Laboratory, Berkeley, California (Invited)
- March 2016, *Things You Can Learn From a Spectrum*, Gear Up!, LCCC, Laramie, Wyoming (Invited)
- October 2015, *Through Curving Wherewhen: Quasar Cosmology with SDSS-IV*, Drexel University, Philadelphia, Pennsylvania (Invited)
- October 2015, *Through Curving Wherewhen: Quasar Cosmology with SDSS-IV*, The University of Washington, Seattle, Washington (Invited)
- September 2015, *The Billion-Light-Year Yardstick*, Launching Astronomy: Standards and STEM Integration, Laramie, Wyoming
- *August 2015, *Breaking Degeneracies between Quasar Halo Occupation Distribution Models*, 50 years After CMB Discovery, ICISE, Quy Nhon, Vietnam, given by My Nguyen
- *August 2015, *High-z QSO selection*, Legacy Surveys Workshop, NOAO, Tucson, Arizona, given by Joseph Findlay
- June 2015, *Python Coding Workshop*, Research Experience for Undergraduates Seminar Series, Laramie, Wyoming
- *June 2015, *Probing Quasars With the CMB*, Northeast Regional Quasar and AGN Meeting, Dartmouth College, Hanover, New Hampshire, given by Michael DiPompeo
- April 2015, *The Billion-Light-Year Yardstick: Quasar Cosmology with SDSS-IV*, The Georgia Institute of Technology, Atlanta, Georgia (Invited)
- *April 2015, *Digging for Buried Quasars with WISE and Planck*, Astro Seminar, The Pennsylvania State University, State College, Pennsylvania, given by Michael DiPompeo
- *April 2015, *Digging for Buried Quasars with WISE and Planck*, Astronomy Colloquium, University of Wisconsin, Madison, Wisconsin, given by Michael DiPompeo

- *March 2015, *Supermassive Black Holes: Sculpting the Universe*, Astronomy Seminar, University of Northern Colorado, Greeley, Colorado, given by Michael DiPompeo
- December 2014, *Technical details of the SDSS IV quasar samples*, BOSS/eBOSS meeting, Cloudcroft, New Mexico (Invited)
- *December 2014, *Clustering of intermediate quasars using SDSS III-BOSS sample*, BOSS/eBOSS meeting, Cloudcroft, New Mexico, given by Sareh Eftekharzadeh
- *October 2014, *High redshift quasars in VIKING; Progress and Science*, Colloquium, University of Wyoming, Laramie, Wyoming, given by Joseph Findlay
- *October 2014, *Digging for buried quasars with WISE and Planck*, Astrophysics Seminar, McGill University, Montreal, Quebec, given by Michael DiPompeo
- July 2014, *SWARMS: Sustaining Wyoming's Advancing Reach in Mathematics and Science*, Ninth Annual NSF Robert Noyce Teacher Scholarship Program Conference, Washington, D.C.
- July 2014, *Future large AGN samples for clustering measurements: eBOSS and its AGN sample*, Clustering Measurements of Active Galactic Nuclei Conference, European Southern Observatory, Garching Bei Munich, Germany (Invited)
- *July 2014, *Breaking Degeneracies between Quasar Halo Occupation Distribution Models*, Clustering Measurements of Active Galactic Nuclei Conference, European Southern Observatory, Garching Bei Munich, Germany, given by My Nguyen
- June 2014, *Using Quasars from SDSS-III/SEQUELS to Characterize SDSS-IV/eBOSS selection*, 224th meeting of the American Astronomical Society, Boston, Massachusetts
- June 2014, *Large-Scale Structure of the Universe*, University of Wyoming, Research Experience for Undergraduates, Laramie, Wyoming (Invited)
- June 2014, *My path to becoming a scientist, and role as a scientist*, NSF Astronomy Days Workshop, University of Wyoming, Laramie, Wyoming
- *April 2014, *Radio-Loud and Radio-Quiet BAL Quasars: A Detailed Ultraviolet Comparison*, University of Wyoming Undergraduate Research Day, Laramie, Wyoming, Presented poster by Thomas Rochais
- April 2014, *Prospects for Probing Primordial Physics With Quasars*, Kansas State University, Manhattan, Kansas (Invited)

- *April 2014, *Breaking Degeneracies between Quasar Halo Occupation Distribution Models : Extending Direct Measurements to Redshift 0.6*, April meeting of the American Physical Society, Savannah, Georgia, given by My Nguyen
- *April 2014, *The Halo Masses of Obscured and Unobscured Quasars: Clustering and CMB Lensing*, University of Colorado, Boulder, Colorado, given by Michael DiPompeo
- *March 2014, *The Halo Masses of Obscured and Unobscured Quasars: Clustering and CMB Lensing*, Harvard-Smithsonian Center for Astrophysics, Cambridge, Massachusetts, given by Michael DiPompeo
- December 2013, *QSO Selection*, eBOSS Project Review Meeting, Lawrence Berkeley National Laboratory, Berkeley, California (Invited; co-authored with Nathalie Palanque-Delabrouille)
- November 2013, *How I Became a Working Academic Physicist*, Physics Speaker Series, University of Wyoming Physics Society, Laramie, Wyoming (Invited)
- *October 2013, *The Complex Nature of Broad Absorption Line Quasars*, The University of Washington, Seattle, Washington, given by Michael DiPompeo
- *October 2013, *The Complex Nature of Broad Absorption Line Quasars*, Dartmouth College, Hanover, New Hampshire, given by Michael DiPompeo
- *October 2013, *A Direct Measurement of the Mean Occupation Function of Quasars: Breaking Degeneracies between Halo Occupation Distribution Models*, American Physical Society Meeting, Four Corners Section, Denver, Colorado, given by My Nguyen
- *September 2013, *A Direct Measurement of the Mean Occupation Function of Quasars: Breaking Degeneracy of Halo Occupation Distribution Models*, Fifty years of Quasars meeting, Caltech, Pasadena, California, given by Suchetana Chatterjee
- *August 2013, *X-ray Surface Brightness Profiles of Active Galactic Nuclei in the Extended Groth Strip: Implications for AGN Feedback*, AEGIS Collaboration meeting, Lexington, Kentucky, given by Suchetana Chatterjee
- *August 2013, *The Halo Occupation Distribution of X-ray-bright Active Galactic Nuclei: A Comparison with Luminous Quasars*, Massive Black Holes: Birth, Growth and Impact, KITP, Santa Barbara, California, given by Suchetana Chatterjee
- July 2013, *Weighing Quasar Hosts with the CMB*, Galaxy Coffee, Max-Planck Institut für Astronomie, Heidelberg, Germany
- July 2013, *Progress Towards “Low-z” eBOSS Quasar Target Selection After the W3 Ancillary Program*, Sauverny Observatory, Geneva, Switzerland (Invited)

- June 2013, *Quasar Selection for SDSS-III/BOSS, SDSS-IV/eBOSS and the Survey in Between*, ENIGMA Group Workshop, Max-Planck Institut für Astronomie, Heidelberg, Germany (Invited)
- June 2013, *The Billion-Light-Year Yardstick*, Research Experience For Undergraduates Program, Laramie, Wyoming (Invited)
- *June 2013, *Does Size Matter? The Intrinsic Sizes of Radio sources and Unification by Orientation*, European Southern Observatory, Garching, Germany, given by Michael DiPompeo
- *June 2013, *Does Size Matter? The Intrinsic Sizes of Radio sources and Unification by Orientation*, Galaxy Coffee, Max-Planck Institut für Astronomie, Heidelberg, Germany, given by Michael DiPompeo
- *May 2013, *The Halo Occupation Distribution of X-ray-bright Active Galactic Nuclei: A Comparison with Luminous Quasars*, 23rd New England Regional Quasar and AGN Meeting, MIT Haystack Observatory, Westford, Massachusetts, given by Suchetana Chatterjee
- *May 2013, *Spectral Modeling of Successive Outbursts in the Blazar PKS 0208-512: Location, Mechanism and Other Implications*, 23rd New England Regional Quasar and AGN Meeting, MIT Haystack Observatory, Westford, Massachusetts, given by Ritaban Chatterjee
- April 2013, *Probing the Primordial Universe using Luminous Black Holes*, University of Kansas, Lawrence, Kansas (Invited)
- *April 2013, *The Halo Occupation Distribution of X-ray-bright Active Galactic Nuclei: A Comparison with Luminous Quasars*, American Physical Society meeting, Denver, Colorado, given by Suchetana Chatterjee
- *April 2013, *A Direct Measurement of the Mean Occupation Function of Quasars: Breaking Degeneracy of Halo Occupation Distribution Models*, American Physical Society meeting, Denver, Colorado, given by My Nguyen
- April 2013, *Dark Energy, Luminous Black Holes and the Largest Map Ever Made*, Connections with Physics Speaker Series, University of Wyoming Physics Society, Laramie, Wyoming (Invited)
- *March 2013, *The WIRO Survey - complementing SCUSS U-band data*, Shanghai Astronomical Observatory, Shanghai, China, given by Michael DiPompeo
- March 2013, *“Low-z” Quasar Target Selection and Deeper u-band Data*, Shanghai Astronomical Observatory, Shanghai, China (Invited)

- March 2013, *The Distribution of Distant Black Holes and Conditions in the Primordial Universe*, The University of Utah, Salt Lake City, Utah (Invited)
- *January 2013, *A Direct Measurement of the Quasar Mean Occupation Function*, 221st meeting of the American Astronomical Society, Longbeach, California, given by My Nguyen
- December 2012, *U-band imaging and targeting of low-z QSOs*, eBOSS collaboration meeting, Carnegie Mellon University, Pittsburgh, Pennsylvania
- December 2012, *An XDQSOz Catalog from SDSS Imaging*, BOSS collaboration meeting, Carnegie Mellon University, Pittsburgh, Pennsylvania
- *November 2012, *An Optical-Near-Infrared Outburst with No Accompanying Gamma-Rays in the Blazar PKS 0208-512*, Fourth Fermi Gamma-Ray Space Telescope Symposium, Monterey, California, given by Ritaban Chatterjee
- *June 2012, *Probing Structure Formation in the Universe: New Frontiers and Future Challenges*, Indian Institute of Technology, Guwahati, India, given by Suchetana Chatterjee (Invited)
- *June 2012, *Universality of Black Hole Accretion*, Indian Institute of Technology, Kharagpur, India, given by Ritaban Chatterjee (Invited)
- *June 2012, *Probing Structure Formation in the Universe: New Frontiers and Future Challenges*, Indian Institute of Technology, Kanpur, India, given by Suchetana Chatterjee (Invited)
- *June 2012, *Universality of Black Hole Accretion*, Indian Institute of Technology, Kanpur, India, given by Ritaban Chatterjee (Invited)
- *May 2012, *The Halo Occupation Distribution of SDSS Quasars*, 22nd New England Regional Quasar and AGN Meeting, MIT, Boston, Massachusetts, given by Suchetana Chatterjee
- *May 2012, *The Contrasting Nature of Gamma-Ray/Optical Variability in the Blazar PKS 0208-512 During Successive Outbursts*, 22nd New England Regional Quasar and AGN Meeting, MIT, Boston, Massachusetts, given by Ritaban Chatterjee
- April 2012, *Binary AGN at kiloparsec Scales*, Interacting Galaxies and Binary Quasars: A Cosmic Rendezvous, Trieste, Italy
- April 2012, *A Large Sample of ~ 25 kpc/h Binary Quasars: Does the Halo Occupation Distribution Evolve Over $0.6 < z < 2.3$?*, Interacting Galaxies and Binary Quasars: A Cosmic Rendezvous, Trieste, Italy (Invited)

March 2012, *eBOSS Imaging: WIRO-S³ and SCUSS*, eBOSS meeting, Johns Hopkins University, Baltimore, Maryland

March 2012, *Mapping the Primordial Universe with Luminous Black Holes*, Los Alamos National Laboratory, Los Alamos, New Mexico (Invited)

February 2012, *Dark Matter and Dark Energy: Unearthing the Absent Universe using Luminous Black Holes*, University of Wyoming Math Club, Laramie, Wyoming (Invited)

January 2012, *Clustering Near the Epoch of Peak Quasar Activity with SDSS-III/BOSS*, the 219th Meeting of the American Astronomical Society, Austin, Texas (Invited)

January 2012, *The BigBOSS QSO Pilot Survey*, the 219th Meeting of the American Astronomical Society, Austin, Texas

November 2011, *The clustering of BOSS Quasars*, BOSS Quasar Working Group, Princeton University, Princeton, New Jersey

October 2011, *A Bold New Mission for the Wyoming Infrared Observatory*, Board of Visitors, University of Wyoming, Laramie, Wyoming (Invited)

June 2011, *Measuring Clustering in the BOSS*, ENIGMA Group Meeting, Max-Planck Institut für Astronomie, Heidelberg, Germany (Invited)

March 2011, *Quasar Clustering*, BOSS collaboration meeting, Apache Point Observatory, Cloudcroft, New Mexico

January 2011, *The Angular Power Spectrum of SDSS Quasars Photometrically Classified through Extreme Deconvolution*, the 217th Meeting of the American Astronomical Society, Seattle, Washington

November 2010, *Quasars and Cosmology: Mapping the Dark Universe with Luminous Black Holes*, University of Wyoming, Laramie, Wyoming (Invited)

November 2010, *The Reason for the Seasons*, Parkland College, Champaign, Illinois (Invited)

June 2010, *Defining a Uniform Sample for Quasar Statistics*, BOSS Quasar Workshop, Center for Cosmology, Carnegie Mellon University, Pittsburgh, Pennsylvania

March 2010, *Quasar Target Selection Status*, BOSS Collaboration Meeting, Salt Lake City, Utah (Invited)

January 2010, *Targeting Quasars for Cosmology: From SDSS to BOSS to BigBOSS*, Lawrence Berkeley National Laboratory, Berkeley, California (Invited)

July 2009, *The Death of Spectroscopy*, AI Applications in Astrophysics and Cosmology, Pasadena, California (Invited)

April 2009, *Astronomical Society Public Outreach Talk*, University of Illinois, Urbana, Illinois (Invited)

February 2008, *Lunchtime Colloquium*, NOAO Headquarters, Tucson, Arizona (Invited)

January 2008, *Quasar Clustering*, University of Illinois, Urbana, Illinois

October 2007, *Quasar Clustering on Small Scales*, AGN in the Cosmological Context, CCAPP, Columbus, Ohio (Invited)

October 2006, *Investigating Galaxy Formation Using Photometrically Classified Quasars*, University of Sydney, Sydney, Australia (Invited)

January 2006, *Cosmology with Photometrically Classified Quasars*, SDSS Large Scale Structure Working Group, Ohio State University, Columbus, Ohio

May 2005, *Cosmology with Photometrically Classified Quasars*, University of Illinois, Urbana, Illinois

RESEARCH GROUP

CURRENT MEMBERS

Eleanor B. Lyke, Graduate Student

My Nguyen, Graduate Student

Lucas Napolitano, Graduate Student

Alexandra Higley, Undergraduate

FORMER MEMBERS (and first major position after leaving my group)

Neil Bassett, REU student, 2016 (*Graduate Student at CU Boulder*)

Sophie Deam, REU student, 2016 (*Undergraduate at the University of Iowa*)

Emily Griffith, REU student, 2016 (*Graduate Student at Ohio State*)

William Harvey, REU student, 2016 (*Graduate Student at San Francisco State*)

Brad Lyke, REU student, 2016 (*Graduate Student at the University of Wyoming*)

Evan Nunez, REU student, 2016 (*Graduate Student at Caltech*)

Catherine Witherspoon, REU student, 2016 (*Graduate Student at UW Madison*)

Danielle Schurhammer, B.S., 2018 (*Industry*)

Thomas Rochais, B.S., 2016 (*Graduate Student at the University of Pennsylvania*)

Jordan Turner, B.S., 2016 (*Graduate Student at the University of Wyoming*)

John Sheets, M.S., 2014 (*Industry*)

Andria Schwartz, PhD, 2021 (Faculty at Quinsigamond Community College)
*Sarah Eftekharzadeh, PhD, 2018 (Postdoc at SMU/Utah; Instrument Scientist at
NASA Ames/SOFIA Science Center)*

Joseph Findlay, Postdoc, 2014-2018 (Industry)
Michael DiPompeo, Postdoc, 2012-2015 (Visiting Prof. at Dartmouth College)
Suchetana Chatterjee, Postdoc, 2012-2013, (Faculty at Presidency University)
Ritaban Chatterjee, Postdoc, 2012-2013 (Faculty at Presidency University)