

RICHARD M. PLOTKIN  
*Curriculum Vitae*

**Address**

International Centre for Radio Astronomy Research (ICRAR)  
Curtin University, Bentley, WA 6102, Australia

**Contact**

*Tel:* +614 68 926 310  
*e-mail:* [richard.plotkin@curtin.edu.au](mailto:richard.plotkin@curtin.edu.au)  
*url:* [sites.google.com/site/richplotkin](http://sites.google.com/site/richplotkin)

**Research  
Interests**

- Accretion onto stellar mass and supermassive black holes, especially black hole X-ray binary outbursts and quasar unification. I am particularly interested in how accretion disks (and outflows) evolve with accretion rate, from the quiescent through super-Eddington regimes.
- Relativistic jets from accreting black holes.
- Populations of stellar mass and supermassive black holes in galaxies, and their implications for black hole formation and growth.
- Multiwavelength astronomy, survey science, and statistical analysis

**Education**

UNIVERSITY OF WASHINGTON May 2009  
Ph.D. in Astronomy  
Dissertation: “Multiwavelength Selection and Study of BL Lacertae Objects:  
Large Samples from SDSS”  
Thesis Advisor: Scott F. Anderson

UNIVERSITY OF WASHINGTON Jun. 2004  
M.S. in Astronomy

UNIVERSITY OF MICHIGAN Apr. 2003  
B.S. in Astronomy and Astrophysics, with Honors, Phi Beta Kappa  
B.S. in General Physics, Minor in Mathematics  
Senior Honors Thesis: “Variability of Circular Polarization from Extragalactic Radio Sources”

**Post-graduate  
Experience**

SENIOR RESEARCH FELLOW 2016-present  
Peter Curran Memorial Fellow  
ICRAR - Curtin University, Perth, Australia

RESEARCH FELLOW 2015  
ICRAR - Curtin University, Perth, Australia

RESEARCH FELLOW 2012–2015  
University of Michigan - Ann Arbor, MI, USA

POSTDOC 2009 – 2012  
University of Amsterdam, the Netherlands

**Grants,  
& Awards**

**Awarded \$340,000 as PI on Telescope Grants**

THE SIZE, SPEED, AND OPENING ANGLE OF A QUIESCENT BLACK HOLE JET 2016  
**PI**, Chandra X-ray Observatory Cycle 18 (joint with NRAO/VLA), **\$21K**

MULTIWAVELENGTH CHARACTERIZATION OF CANDIDATE BLACK HOLES 2015  
IN NEARBY DWARF GALAXIES  
**PI**, Chandra X-ray Observatory Cycle 17 (joint with HST and NRAO/VLA), **\$56K**

	FOLLOWING A BLACK HOLE TRANSIENT THROUGH THE TRANSITION INTO QUIESCENCE <b>PI</b> , Chandra X-ray Observatory Cycle 16 (joint with radio NRAO/VLA), <b>\$54K</b>	2014
	<b>PI</b> , Chandra X-ray Observatory Cycle 15 (joint with radio NRAO/VLA), <b>\$62K</b>	2013
	A MULTIWAVELENGTH PROBE OF BLACK HOLE ACCRETION FLOWS IN QUIESCENCE <b>PI</b> , Chandra X-ray Observatory Cycle 15 (joint with radio NRAO/VLA), <b>\$38K</b>	2013
	RADIO-QUIET QUASARS WITH EXTREMELY WEAK EMISSION LINES: A NEW PERSPECTIVE ON QUASAR UNIFICATION <b>PI</b> , Hubble Space Telescope (UV Spectroscopy) Cycle 21, <b>\$43K</b>	2013
	THE FIRST LARGE STATISTICAL STUDY OF THE UV CHARACTER OF BL LAC OBJECTS <b>PI</b> , GALEX Cycle 5, <b>\$30K</b>	2008
	CHANDRA X-RAY SCRUTINY OF NEW RADIO-SHY BL LAC CANDIDATES <b>Observer and science PI</b> , Chandra X-ray Observatory Cycle 10, <b>\$36K</b>	2008
	WASHINGTON NASA SPACE GRANT FELLOW <b>\$5K</b>	2003
<b>Other Telescope Time as PI</b>	FOLLOWING A BLACK HOLE TRANSIENT THROUGH THE TRANSITION INTO QUIESCENCE <b>PI</b> , Very Large Array (radio)	2014-2016
	RADIO-QUIET QUASARS WITH EXTREMELY WEAK EMISSION LINES: A NEW PERSPECTIVE ON QUASAR UNIFICATION <b>PI</b> , Very Large Telescope (X-shooter optical/NIR spectroscopy), Period 90	2012
	<b>PI</b> , Very Large Telescope (X-shooter optical/NIR spectroscopy), Period 88	2011
	VERIFICATION OF RADIO-QUIET/WEAK BL LACS FROM SDSS <b>PI</b> , NRAO Very Large Array (radio)	2008
	<b>PI</b> , NRAO Very Large Array (radio)	2006
	THE HOST GALAXIES OF BL LAC OBJECTS <b>PI</b> , APO 3.5 meter (Near-infrared imaging approved over 9 quarters)	2006 – 2009
<b>Recent Mentoring Experience</b>	VLAD TUDOR (GRADUATE) ICRAR-Curtin Thesis: Detecting and Characterizing Black Hole Candidates in Galactic Globular Clusters Primary Supervisor: James Miller-Jones <i>I am a co-advisor on Vlad's PhD thesis committee, with primary supervisors James Miller-Jones &amp; Roberto Soria. I assist in day to day mentoring activities, helping Vlad to develop his research, writing, and oral presentation skills.</i>	2016-present
	ERICA THYGESEN (UNDERGRADUATE) ICRAR-Curtin ICRAR Summer Scholarship Student Project: A Multiwavelength Search for Black Holes in Nearby Dwarf Galaxies <i>I designed a 12 week project for Erica, who performed a multiwavelength analysis to identify stellar and supermassive black holes in low-mass galaxies. Co-advising with Roberto Soria.</i>	2017
	MELINDA POWERS (UNDERGRADUATE) ICRAR-Curtin	2016

3<sup>rd</sup> Year Project

Project: the End Stages of the 2015 V404 Cygni Outburst

*I was the primary advisor for Melinda. I designed her year-long project, which centered around a multiwavelength analysis of the black hole V404 Cygni.*

CALLUM WOOD (UNDERGRADUATE)

2016

ICRAR-Curtin

CIRA Summer Scholarship Student

Project: the X-ray Properties of Million Solar Mass Black Holes

*I designed a six-week summer project for Callum, where he learned about black hole accretion and X-ray astronomy, culminating in a written report and oral presentation. The X-ray analysis he performed for this project was included in a 2016 paper published in the *Astrophysical Journal*, on which he is a co-author.*

SEAN LEMONS (UNDERGRADUATE)

2014

University of Michigan

Project: Black Hole Populations in Dwarf Galaxies

Co-advising with Elena Gallo and Amy Reines

*I advised Sean on his X-ray analysis and interpretation of stellar mass black hole populations, which Sean published as a first author paper in the *Astrophysical Journal* in 2015.*

MIJKE SCHUT (UNDERGRADUATE)

2012

University of Amsterdam

Senior Thesis Project: Broadband Jet Modeling of Low-Luminosity Blazars

*I was Mijke's primary advisor, guiding her through a project to apply a broadband multi-zone jet model to a multiwavelength spectrum of a low-luminosity blazar, for which she received one of the top grades in her class. I designed her project, taught her how to perform the analysis, helped her interpret her results, and mentored her through an oral presentation and writing her senior thesis.***Teaching**

LECTURER, ICRAR-CURTIN

2016

*I taught a six weeks of a twelve-week undergraduate course "the physics of stars and galaxies" to second-year physics and astronomy majors, which including developing lectures, class activities, problem sets, and exams.*

MICHIGAN MATH AND SCIENCE SCHOLARS SUMMER PROGRAM

July 2015

*I developed a two-week course on black holes for high-school students, including lectures, labs, programming, and student-led public outreach.*

GUEST LECTURER, U. MICHIGAN

2012–present

Introduction to Astronomy (undergraduate)

Black Holes: The Triumph of Gravity (×5; undergraduate)

Seminar on Recent Advances in Astrophysics (×2; undergraduate)

Introduction to Galaxies (advanced undergraduate)

GUEST LECTURER, U. AMSTERDAM

2011-2012

Cosmology (undergraduate)

High Energy Astrophysics (graduate)

GUEST LECTURER, U. WASHINGTON

2008

Observing Techniques (graduate)

TEACHING ASSISTANT, U. WASHINGTON

9 courses, 2003 – 2007

*Led discussion sections and produced course materials for introductory courses (undergraduate).*

TUTOR

2000 – 2005

*Tutored astronomy students on a volunteer and paid basis at U. Michigan and U. Washington.*

<b>Service &amp; Outreach</b>	<p>CIRA DEVELOPMENT COMMITTEE 2016-Present Deputy Chair I am the deputy chair of my department's development committee (10 members), which aims to promote diversity, equity, and equality in the department.</p> <p>CIRA ANNUAL REPORT 2015-2016 I co-edited the Curtin Institute of Radio Astronomy 2015 Annual Report with Jean-Pierre Macquart (<math>\approx 70</math> pages)</p> <p>COMPACT OBJECTS IN MICHIGAN: 3<sup>rd</sup> MEETING 2015 Chair of scientific and local organizing committee (Michigan — 40 people).</p> <p>CHANDRA PEER REVIEW 2014 Served on Chandra Cycle-16 proposal review panel.</p> <p>JOURNAL REFEREE 2010 – Present for A&amp;A, ApJ, ApJ Letters, AJ, MNRAS, PASJ (typically 4-6 papers/year)</p> <p>SEMINAR ORGANIZER 2011, 2013 Organized the high-energy astrophysics seminar at U. Michigan and lunch talks at U. Amsterdam.</p> <p>CHERENKOV TELESCOPE ARRAY (CTA) CONSORTIUM MEETING 2012 Local organizing committee (Amsterdam — 300 people).</p> <p>SECOND INTERNATIONAL SUMMER SCHOOL ON MULTIWAVELENGTH ASTRONOMY 2010 Secretary of the local organizing committee (Amsterdam — 40 students).</p> <p>APO 3.5-METER TAC MEMBER 2008 – 2009 Member of the U. Washington Telescope Allocation Committee for the Apache Point Observatory 3.5-meter telescope.</p> <p>GRADUATE STUDENT REPRESENTATIVE 2006 – 2007 Served as the liaison between graduate students and faculty at U. Washington.</p> <p>U. WASHINGTON UNDERGRADUATE CURRICULUM ADVISORY COMMITTEE 2006 Helped redesign course requirements for U. Washington astronomy majors.</p> <p>MARIA MITCHELL OBSERVATORY Summer 2002 Gave tours of the observatory, ran public observing nights and open houses.</p> <p>OPEN HOUSES, INREACHES/OUTREACHES, ETC. 2000 – present Organized and participated in open houses, public observing nights, and inreach/outreach programs for local schools. Gave public planetarium shows (to various age groups).</p>
<b>Technical Skills</b>	<p>Experience observing with large telescopes at multiple wavelengths: X-ray (Chandra); UV/optical/NIR (Hubble Space Telescope, Palomar 200", Very Large Telescope, GALEX, APO 3.5m); radio (Very Large Array, UMRAO 26m, LOFAR).</p> <p>Experience mining large data sets from multi-wavelength surveys: X-ray (RASS); UV (GALEX); optical (SDSS); radio (FIRST, NVSS).</p> <p>Proficient with UNIX/Linux, IDL, Python, SQL.</p> <p>Proficient with multiwavelength data analysis packages such as IRAF/PyRAF, CIAO, XSPEC/ISIS.</p>
<b>Selected Recent Talks</b>	<p>Invited Talk, <i>Frascati Workshop 2017 on Multifrequency Behaviour of High Energy Cosmic Sources - XII</i>, Palermo, Italy, June 2017</p>

Contributed Talk, *Astronomical Society of Australia Annual Scientific Meeting*, Sydney, July 2016  
 Invited Talk, *Stellar Remnants at the Junction: Comparing Accreting White Dwarfs, Neutron Stars, and Black Holes*, Junction, TX, May 2016  
 Invited Talk, *INTEGRAL 2015: the New High-Energy Sky After a Decade of Discoveries*, Rome, Italy, Oct 2015  
 Invited Talk, *Marcel Grossmann Meeting*, Rome, Italy, July 2015 (declined due to scheduling conflict)  
 Contributed Talk, *IAU 313: Jets from Every Angle*, Galapagos, Sep 2014  
 Contributed Talk, *AAS High Energy Astrophysics Division 14*, Chicago, Aug 2014  
 Colloquium, U. North Texas, Feb 2014  
 Contributed Talk, *Black Hole Fingerprints SNOWPAC 2013*, Salt Lake City, Mar 2013  
 Invited Talk, *Black Hole Feedback*, Dartmouth College, Jul 2012  
 Contributed Talk, *Black Hole Universe*, Bamberg, Germany, Jun 2012  
 Contributed Talk, *Black Holes by the Black Sea*, Istanbul, Jun 2012  
 Contributed Talk, *Black Hole Astrophysics: Tales of Power and Destruction*, Winchester, UK, Jul 2011  
 Colloquium, *ASTRON*, the Netherlands, Feb 2010  
 Colloquium, *Radboud University*, Nijmegen, the Netherlands, Nov 2009

## Refereed Publications

Metrics as of February, 2017:

All refereed publications: 37 total, 774 citations, h-index=17

First-author: 14 total, 377 citations, h-index=9

- [37] THE PECULIAR MASS-LOSS HISTORY OF SN 2014C AS REVEALED THROUGH AMI RADIO OBSERVATIONS  
 Anderson, G. E., Horesh, A.; Mooley, K. P., Rushton, A. P., Fender, R. P., Staley, T. D., Argo, M. K., Beswick, R. J., Hancock, P. J.; Perez-Torres, M. A., Perrott, Y. C., **Plotkin, R. M.**, Pretorius, M. L., Rumsey, C., Titterton, D. J., *MNRAS*, 466, 3648 [ADS](#)
- [36] THE 2015 DECAY OF THE BLACK HOLE X-RAY BINARY V404 CYGNI: ROBUST DISK-JET COUPLING AND A SHARP TRANSITION INTO QUIESCENCE  
**Plotkin, R. M.**, Miller-Jones, J. C. A., Gallo, E., Jonker, P. G., Homan, J., Tomsick, J. A., Kaaret, P., Russell, D. M., Heinz, S., Hodges-Kluck, E. J., Markoff, S., Sivakoff, G. R., Altamirano, D., Neilsen, J., 2017, *ApJ*, 834, 104 [ADS](#)
- [35] THE X-RAY PROPERTIES OF MILLION SOLAR MASS BLACK HOLES  
**Plotkin, R. M.**, Gallo, E., Haardt, F., Miller, B. P., Wood, C. J. L., Reines, A. E., Wu, J., Greene, J. E., 2016 *ApJ*, 825, 139 [ADS](#)
- [34] A JOINT CHANDRA AND SWIFT VIEW OF THE 2015 X-RAY DUST-SCATTERING ECHO OF V404 CYGNI  
 Heinz, S., Corrales, L., Smith, R., Brandt, W. N., Jonker, P. G., **Plotkin, R. M.**, Neilsen, J., 2016, *ApJ*, 825, 15. [ADS](#)
- [33] A CLEAN SIGHTLINE TO QUIESCENCE: MULTIWAVELENGTH OBSERVATIONS OF THE HIGH GALACTIC LATITUDE BLACK HOLE X-RAY BINARY SWIFT J1357.2-0933  
**Plotkin, R. M.**, Gallo, E., Jonker, P. G., Miller-Jones, J. C. A., Homan, J., Muñoz-Darias, T., Markoff, S., Armas Padilla, M., Fender, R., Rushton, A. P., Russell, D. M., Torres, M. A. P., 2016, *MNRAS*, 456, 2707. [ADS](#)
- [32] AS ABOVE, SO BELOW: EXPLOITING MASS SCALING IN BLACK HOLE ACCRETION TO BREAK DEGENERACIES IN SPECTRAL INTERPRETATION  
 Markoff, S., Nowak, M. A., Gallo, E., Hynes, R., Wilms, J., **Plotkin, R. M.**, Maitra, D., Silva, C. V., Drappeau, S., 2015, *ApJL*, 812, 25. [ADS](#)

- [31] DETECTION OF REST-FRAME OPTICAL LINES FROM X-SHOOTER SPECTROSCOPY OF WEAK EMISSION LINE QUASARS  
**Plotkin, R. M.**, Shemmer, O., Trakhtenbrot, B., Anderson, S. F., Brandt, W. N., Fan, X., Gallo, E., Lira, P., Luo, B., Richards, G. T., Schneider, D. P., Strauss, M. A., Wu, J., 2015, *ApJ*, 805, 123. [ADS](#)
- [30] X-RAY INSIGHTS INTO THE NATURE OF PHL 1811 ANALOGS AND WEAK EMISSION-LINE QUASARS: UNIFICATION WITH A GEOMETRICALLY THICK ACCRETION DISK?  
Luo, B., Brandt, W. N., Hall, P. B., Wu, J., Anderson, S. F., Garmire, G. P., Gibson, R. R., **Plotkin, R. M.**, Richards, G. T., Schneider, D. P., Shemmer, O., Shen, Y., 2015, *ApJ*, 805, 122. [ADS](#)
- [29] AN X-RAY SELECTED SAMPLE OF CANDIDATE BLACK HOLES IN DWARF GALAXIES  
Lemons, S., Reines, A., **Plotkin, R. M.**, Gallo, E., Greene, J. 2015, *ApJ*, 805, 12. [ADS](#)
- [28] CONSTRAINTS ON RELATIVISTIC JETS IN QUIESCENT BLACK HOLE X-RAY BINARIES FROM BROADBAND SPECTRAL MODELING  
**Plotkin, R. M.**, Gallo, E., Markoff, S., Homan, J., Jonker, P. G., Miller-Jones, J. C. A., Russell, D. M., Drappeau, S., 2015, *MNRAS*, 446, 4098. [ADS](#)
- [27] THE NATURE OF TRANSITION BLAZARS  
Ruan, J. J., Anderson, S. F., **Plotkin, R. M.**, Brandt, W. N., Burnett, T. H., Myers, A. D., Schneider, D. P., 2014, *ApJ*, 797, 19. [ADS](#)
- [26] THE RADIO/X-RAY DOMAIN OF BLACK HOLE X-RAY BINARIES AT THE LOWEST RADIO LUMINOSITIES  
Gallo, E., Miller-Jones, J. C. A., Russell, D. M., Jonker, P. G., Homan, J., **Plotkin, R. M.**, Markoff, S., Miller, B. P., Corbel, S., Fender, R. P., 2014, *MNRAS*, 445, 290. [ADS](#)
- [25] AMUSE-FIELD II. NUCLEATION OF EARLY-TYPE GALAXIES IN THE FIELD VERSUS CLUSTER ENVIRONMENT  
Baldassare, V. F., Gallo, E., Miller, B. P., **Plotkin, R. M.**, Treu, T., Valluri, M., Woo, J., 2014 *ApJ*, 791, 133. [ADS](#)
- [24] A CANDIDATE MASSIVE BLACK HOLE IN THE LOW-METALLICITY DWARF GALAXY PAIR MRK 709  
Reines, A. E., **Plotkin, R. M.**, Russell, T. D., Mezcua, M., Condon, J. J., Sivakoff, G. R., Johnson, K. E., 2014, *ApJL*, 787, 30. [ADS](#)
- [23] V4641 SGR: A CANDIDATE PRECESSING MICROBLAZAR  
Gallo, E., **Plotkin, R. M.**, Jonker, P. G., 2014, *MNRAS*, 438, 41. [ADS](#)
- [22] AN ENVIRONMENTAL STUDY OF THE ULTRALUMINOUS X-RAY SOURCE POPULATION IN EARLY-TYPE GALAXIES  
**Plotkin, R. M.**, Gallo, E., Miller, B. P., Baldassare, V. F., Treu, T., Woo, J., 2014, *ApJ*, 780, 6. [ADS](#)
- [21] THE X-RAY SPECTRAL EVOLUTION OF GALACTIC BLACK HOLE X-RAY BINARIES TOWARD QUIESCENCE  
**Plotkin, R. M.**, Gallo, E., Jonker, P. G., 2013, *ApJ*, 773, 59. [ADS](#)
- [20] CHARACTERIZING THE OPTICAL VARIABILITY OF BRIGHT BLAZARS: VARIABILITY-BASED SELECTION OF FERMI AGN  
Ruan, J. J., Anderson, S. F., MacLeod, C. L., Becker, A. C., Burnett, T. H., Davenport, J. R. A., Ivezić, Z., Kochanek, C. S., **Plotkin, R. M.**, Sesar, B., Stuart, J. S., 2012, *ApJ*, 760, 51. [ADS](#)
- [19] THE ABSENCE OF RADIO EMISSION FROM THE GLOBULAR CLUSTER G1  
Miller-Jones, J. C. A., Wrobel, J. M., Sivakoff, G. R., Heinke, C. O., Miller, R. E., **Plotkin, R. M.**,

- Di Stefano, R., Greene, J. E., Ho, L. C., Joseph, T. D., Kong, A. K. H., Maccarone, T. J., 2012, *ApJL*, 755, 1. [ADS](#)
- [18] X-RAY AND MULTIWAVELENGTH INSIGHTS INTO THE NATURE OF WEAK-EMISSION LINE QUASARS AT LOW REDSHIFT  
Wu, J., Brandt, W. N., Anderson, S. F., Diamond-Stanic, A. M., Hall, P. B., **Plotkin, R. M.**, Schneider, D. P., Shemmer, O., 2012, *ApJ*, 747, 10. [ADS](#)
- [17] THE LACK OF TORUS EMISSION FROM BL LACERTAE OBJECTS: AN INFRARED VIEW OF UNIFICATION WITH WISE  
**Plotkin, R. M.**, Anderson, S. F., Brandt, W. N., Markoff, S., Shemmer, O., Wu, J., 2012, *ApJL*, 745, 27. [ADS](#)
- [16] USING THE FUNDAMENTAL PLANE OF BLACK HOLE ACTIVITY TO DISTINGUISH X-RAY PROCESSES FROM WEAKLY ACCRETING BLACK HOLES  
**Plotkin, R. M.**, Markoff, S., Kelly, B. C., Körding, E., Anderson, S. F., 2012, *MNRAS*, 419, 267. [ADS](#)
- [15] THE ULTRAVIOLET-TO-MID-INFRARED SPECTRAL ENERGY DISTRIBUTION OF WEAK EMISSION LINE QUASARS  
Lane, R. A., Shemmer, O., Diamond-Stanic, A. M., Fan, X., Anderson, S. F., Brandt, W. N., **Plotkin, R. M.**, Richards, G. T., Schneider, D. P., Strauss, M. A., 2011, *ApJ*, 743, 163. [ADS](#)
- [14] DYNAMICAL BLACK HOLE MASSES OF BL LAC OBJECTS FROM THE SLOAN DIGITAL SKY SURVEY  
**Plotkin, R. M.**, Markoff, S., Trager, S. C., Anderson, S. F., 2011, *MNRAS*, 413, 805. [ADS](#)
- [13] GALEX AND OPTICAL OBSERVATIONS OF GW LIBRAE DURING THE LONG DECLINE FROM SUPEROUTBURST  
Bullock, E., Szkody, P., [10 authors], **Plotkin, R. M.**, [4 authors], 2011, *AJ*, 141, 84. [ADS](#)
- [12] WEAK LINE QUASARS AT HIGH REDSHIFT: EXTREMELY HIGH ACCRETION RATES OR ANEMIC BROAD-LINE REGIONS?  
Shemmer, O., Trakhtenbrot, B., Anderson, S. F., Brandt, W. N., Diamond-Stanic, A. M., Fan, X., Lira, P., Netzer, H., **Plotkin, R. M.**, Richards, G. T., Schneider, D. P., Strauss, M. A., 2010, *ApJL*, 722, 152. [ADS](#)
- [11] MULTIWAVELENGTH OBSERVATIONS OF RADIO-QUIET QUASARS WITH WEAK EMISSION LINES  
**Plotkin, R. M.**, Anderson, S. F., Brandt, W. N., Diamond-Stanic, A. M., Fan, Z., MacLeod, C. L., Schneider, D. P., Shemmer, O., 2010, *ApJ*, 721, 562. [ADS](#)
- [10] GALEX AND OPTICAL LIGHT CURVES OF WX LMI, SDSSJ103100.5+202832.2, AND SDSSJ121209.31+013627.7  
Linnell, A. P., Szkody, P., **Plotkin, R. M.**, Holtzman, J., Seibert, M., Harrison, T. E., Howell, S. B., 2010, *ApJ*, 713, 1183L. [ADS](#)
- [9] OPTICALLY SELECTED BL LACERTAE CANDIDATES FROM THE SLOAN DIGITAL SKY SURVEY DATE RELEASE SEVEN  
**Plotkin, R. M.**, Anderson, S. F., [19 authors], 2010, *AJ*, 139, 390. [ADS](#)
- [8] A SAMPLE OF CANDIDATE RADIO STARS IN FIRST AND SDSS  
Kimball, A. E., Knapp, G. R., Ivezić, Ž., West, A., Bochanski, J. J., **Plotkin, R. M.**, Gordon, M. S., 2009 *ApJ*, 701, 535. [ADS](#)
- [7] GALEX, OPTICAL AND INFRARED LIGHT CURVES OF MQ DRA: UV EXCESSES AT LOW ACCRETION RATES

Szkody, P., Linnell, A. P., Campbell, R. K., **Plotkin, R. M.**, Harrison, T. E., Holtzman, J., Seibert, M., Howell, S. B., 2008, *ApJ*, 683, 967. [ADS](#)

[6] A LARGE SAMPLE OF BL LAC OBJECTS FROM THE SDSS AND FIRST  
**Plotkin, R. M.**, Anderson, S. F., Hall, P. B., Margon, B., Voges, W., Schneider, D. P., Stinson, G., York, D. G., 2008, *AJ*, 135, 2453. [ADS](#)

[5] A LARGE, UNIFORM SAMPLE OF X-RAY-EMITTING ACTIVE GALACTIC NUCLEI FROM THE ROSAT ALL SKY AND SLOAN DIGITAL SKY SURVEYS: THE DATA RELEASE 5 SAMPLE  
Anderson, S. F., Margon, B., Voges, W., **Plotkin, R. M.**, [15 authors], 2007, *AJ*, 133, 313. [ADS](#)

[4] GALEX AND OPTICAL LIGHT CURVES OF EF ERIDANUS DURING A LOW STATE: THE PUZZLING SOURCE OF ULTRAVIOLET LIGHT  
Szkody, P., Harrison, T. E., **Plotkin, R. M.**, Howell, S. B., Seibert, M., Bianchi, L., 2006, *ApJ*, 646, 147. [ADS](#)

[3] HUBBLE IMAGING EXCLUDES COSMIC STRING LENS  
Agol, E., Hogan, C. J., **Plotkin, R. M.**, 2006, *PhRvD*, 73, 7302. [ADS](#)

[2] PHOTOMETRY OF SK-69°202, THE PROGENITOR OF SN 1987A, FROM 1896 TO 1954  
**Plotkin, R. M.**, Clayton, G. C., 2004, *JAAVSO*, 32, 89. [ADS](#)

[1] CIRCULAR POLARIZATION VARIABILITY IN EXTRAGALACTIC SOURCES ON TIME SCALES OF MONTHS TO DECADES  
Aller, H. D., Aller, M. F., **Plotkin, R. M.**, *Ap&SS*, 288, 17. [ADS](#)