



Kurtis A. Williams

Curriculum Vitae

August 2024

Academic Position: Professor & Department Head

Academic Department: Department of Physics & Astronomy

University Address: Department of Physics & Astronomy
McFarland Science Building 106A
Texas A&M University-Commerce
PO Box 3011
Commerce, TX 75429-3011

Office Phone: 903-886-5488

University Email Address: kurtis.williams@tamuc.edu

EDUCATION

Doctor of Philosophy in Astronomy & Astrophysics
2002, University of California, Santa Cruz

Master of Science in Astronomy & Astrophysics
1999, University of California, Santa Cruz

Bachelor of Science in Physics
Bachelor of Science in Astronomy & Astrophysics
1996, Pennsylvania State University

PROFESSIONAL EXPERIENCE

- 2024-present: Professor, Texas A&M University-Commerce, Commerce, TX
- 2023-present: Department Head, Dept. of Physics & Astronomy, Texas A&M University-Commerce, Commerce, TX
- 2016-2024: Associate Professor, Texas A&M University-Commerce, Commerce, TX
- 2010-2016: Assistant Professor, Texas A&M University-Commerce, Commerce, TX
- 2009-2010: Postdoctoral Researcher, University of Texas, Austin, TX
- 2006-2009: NSF Postdoctoral Fellow, University of Texas, Austin, TX

- 2003-2006: Research Associate, Steward Observatory, Tucson, AZ

PROFESSIONAL DEVELOPMENT

- July 2024: Participant, "Academic Department Leaders 2024 Virtual Workshop," Texas A&M System
- Fall 2023: Participant, "Designing US: Leading Campus Collaboration" course, Texas A&M University-Commerce
- August 2023: Participant, "Academic Department Leaders 2023 Virtual Workshop," Texas A&M System
- 2015: Proposal Writing Workshop, Texas A&M University-Commerce OSP
- 2012: "Teaching Every Student: Teaching Diverse Audiences," American Astronomical Society Workshop
- 2011: "Workshop for New Physics and Astronomy Faculty," American Association of Physics Teachers
- 2011: Regional Teaching Exchange Workshop, Center for Astronomy Education

STUDENT ADVISING

- 2023-present: Undergraduate advisor, Physics & Astronomy

Masters Students

- 2024: Paradesh Adhikari, Texas A&M University-Commerce
- 2024: Fangyi Zhu, Texas A&M University-Commerce
- 2023, Eric Burns, Texas A&M University-Commerce
- 2021, Michaela Allen, Texas A&M University-Commerce
- 2020, Joseph Barnett, Texas A&M University-Commerce
- 2018, Christopher Dupuis, Texas A&M University-Commerce
- 2017, Valeria Guadalupe, Texas A&M University-Commerce
- 2015, Katie Hesterly, Texas A&M University-Commerce
- 2015, Stephanie Gibson, Texas A&M University-Commerce
- 2015, Wesley Adams, Texas A&M University-Commerce
- 2013, Subho Chakraborty, Texas A&M University-Commerce
- 2012, Rick Navarro, Texas A&M University-Commerce

Honors Students

- 2023, Sarah Phillips and Zorayda Martinez
- 2015, Patrick Dreiling
- 2013, Andrew Dahir

Research Experience for Undergraduates

- 2024, Fardowsa Abdulle & Sherman Losey
- 2023, S. Johns & Lena Dietrich
- 2022, Melissa Ornelas
- 2021, Mabel Clausen

- 2016, Molly Warner & Demetré Goodman
- 2015, Tiffany Schoolfield & Jason Meyer
- 2014, Donald Serna-Grey
- 2013, Isaiah Santistevan
- 2012, Misa Fioretto & Kevin Schultes
- 2011, Michael Bierwagon & Joshua Crittenden

SELECTED SERVICE ACTIVITIES

Departmental Service:

- 2010-2014; 2023-2024t: Faculty Advisor, Society of Physics Students
- 2022-present: Member, DALI Committee
- 2021: Chair of Tenure & Promotion Committee, Dr. Modir 3rd Year Review
- 2021, Chair of Tenure & Promotion Committee, Dr. Park Tenure Review
- 2020-present: Member, Scholarship Committee
- 2020-2022: Curriculum Committee member (Chair, 2021-2022)
- 2017: Chair of Tenure & Promotion Committee, Dr. Chourasia Post-Tenure Review
- 2017: Member of Tenure & Promotion Committee, Dr. Li Post-Tenure Review
- 2012, 2014, 2015: Faculty Search Committee Member
- Other activities such as participation in recruitment, outreach, Physics Day, and ad hoc committee service as needed

University Service:

- 2023-2024: Member, Honors College Dean Search Committee
- 2022-2024: Co-chair, 2024 University Eclipse Committee
- 2022-present: Alternate member, University Advisory Committee
- 2019: Member, University Workload Taskforce
- 2017: Peer reviewer, Faculty Research Enhancement Program and Junior Faculty Research Award competitions
- 2016: Member, LMS Selection Committee
- 2014-2019, Senator, Texas A&M University-Commerce Faculty Senate
- 2014, Member, CFEI Academic Credential Software Committee
- 2013-2014, Faculty Keynote Speaker, Uplift Education campus visit, Texas A&M University-Commerce

Professional Service:

- 2018-present, A&M-Commerce Board Member, Southeast Association for Research in Astronomy Board of Directors

- 2023, Peer Reviewer, NASA
- 2014, 2016, 2018, 2022, Peer Reviewer, National Science Foundation
- 2016, Member, Local Organizing Committee, 4th International Workshop on AM CVn Stars, Dallas, TX
- 2015-2016, Member, Scientific Organizing Committee, 20th European Workshop on White Dwarfs, Warwick, UK
- 2013-2014 Member, Scientific Organizing Committee, 19th European Workshop on White Dwarfs, Montreal, Canada
- 2007-2008 Co-Chair, 2008 NSF Astronomy & Astrophysics Postdoctoral Fellows Symposium, Austin, TX
- 2007, Co-Chair, Scientific Organizing Committee, New Horizons In Astronomy: Frank N. Bash Symposium, Austin, TX

SELECTED EDUCATIONAL ACTIVITIES
--

Courses Developed

- Astr 120: Life in the Universe
- Astr 1303W: Stars and the Universe Online
- Astr 1303CW: Stars and the Universe Competency-Based (Co-developer)
- Astr 1304W: Astronomy of the Solar System Online
- Astr 337: Frontiers in Modern Astronomy
- Astr 410: Stellar Structure and Evolution
- Astr 420: Galaxies and Cosmology
- Astr 503: Galactic Astronomy

Courses Taught

- Astr 120: Life in the Universe
- Astr 120H: Honors Life in the Universe
- Astr 1103: Astronomy Lab
- Astr 1303: Stars and the Universe
- Astr 1303H: Honors Stars and the Universe
- Astr 1303W: Stars and the Universe Online
- Astr 1304: Astronomy of the Solar System
- Astr 1304W: Astronomy of the Solar System Online
- Astr 337: Frontiers in Modern Astronomy
- Astr 410: Stellar Structure and Evolution
- Astr 420: Galaxies and Cosmology
- Astr 503: Galactic Astronomy
- IS 1317: Integrated Science II
- Phys 101: Physics and Astronomy Seminar
- Phys 1401: College Physics I
- Phys 2425: University Physics I

Public Outreach

- 2009, Invited Speaker, McDonald Observatory Board of Visitors Meeting, Fort Davis, TX
- 2006-2009, Co-coordinator and Facilitator, “White Dwarfs and the Age of the Universe Professional Development Workshop”, Fort Davis, TX
- 2004-2013, Creator and manager, “Professor Astronomy Blog,” blog.professorastronomy.com
- 2004-2012, Contributor, “Ask Astro,” Astronomy Magazine

FUNDED RESEARCH GRANTS AND AWARDS
--

- 2019-2024, PI, NSF Astronomy and Astrophysics Research Grant AST-1910551, “RUI: Ensemble Evolutionary Studies of White Dwarfs”, \$273,000
- 2017-2018, Co-PI (Dr. Matt Wood PI), NSF MRI Grant AST-1726357, “Acquisition of a 0.7-m Research Grade Telescope for Texas A&M University-Commerce”, \$338,000
- 2014-2017, PI, Research Corporation Cottrell College Science Award, “Direct Determination of the Masses of DQ White Dwarfs via Parallax”, \$45,000
- 2012-2014, PI, Texas Space Grant Consortium, “Development of an On-line Introductory Astronomy Course,” \$13,000.
- 2011-2013, PI, GALEX Cycle 6 GI Program, “Time Series Observations of the Mysterious Carbon Atmosphere White Dwarfs,” \$65,000.
- 2008-2010, PI, HST Cycle 16 E/PO HST16-456, “White Dwarfs in the Open Star Cluster NGC 188: A Professional Development Experience for Teachers,” \$20,000
- 2007-2010, PI, HST Cycle 16 Program GO-11141, “White Dwarfs in the Open Star Cluster NGC 188”, \$133,000
- 2006-2009, PI, NSF Postdoctoral Fellowship AST-0602288, \$201,000

AWARDS AND FELLOWSHIPS

- 2016, Texas A&M University-Commerce Excellence in Faculty Research, Annual Research Symposium
- 2016, Texas A&M University-Commerce Faculty Senate Award for Professional Excellence, “Ceaseless Industry”
- 2006-2009, NSF Astronomy & Astrophysics Postdoctoral Fellowship, University of Texas at Austin
- 2001, ARCS Foundation Graduate Fellowship, University of California Santa Cruz
- 1997-2000, NSF Graduate Research Fellowship, University of California Santa Cruz
- 1996, Fulbright Fellowship, Ludwig-Maximilians-Universität, Munich, Germany

PUBLICATIONS

Statistics from Google Scholar:

Total citations: 891

h-index: 29

Refereed Publications

1. "The merger fraction of ultramassive white dwarfs," Kilic, M. et al. (**Williams, K.A.** as 8th author) 2023, Monthly Notices of the Royal Astronomical Society, 518, 2341, <https://doi.org/10.1093/mnras/stac3182>
2. "The Rapid Rotation of the Strongly Magnetic Ultramassive White Dwarf EGGR 156," **Williams, K.A.**, Hermes, J.J. and Vanderbosch, Z.P. 2022, The Astronomical Journal, 164, 131, <https://doi.org/10.3847/1538-3881/ac8543>
3. "The Initial-Final Mass Relation for Hydrogen-deficient White Dwarfs," Barnett, J.W., **Williams, K.A.** (as corresponding author), Bedard, A., & Bolte, M. 2021, The Astronomical Journal, 162, 162, <https://doi.org/10.3847/1538-3881/ac1423>
4. "The White Dwarfs of the Old, Solar-Metallicity Open Star Cluster Messier 67: Properties and Progenitors," Canton, P.A., **Williams, K.A.** (as corresponding author), Kilic, M. and Bolte, M. 2021, The Astronomical Journal, 161, 169, <https://doi.org/10.3847/1538-3881/abe1ad>
5. "The Pulsating White Dwarf G117-B15A: Still the Most Stable Optical Clock Known," Kepler, S.O., et al. (**Williams, K.A.** as 15th author) 2021, The Astrophysical Journal, 906, 7, <https://doi.org/10.3847/1538-4357/abc626>
6. "Ensemble Properties of the White Dwarf Population of the Old, Solar Metallicity Open Cluster Messier 67," **Williams, K. A.**, et al. 2018, The Astrophysical Journal, 867, 62, <https://doi.org/10.3847/1538-4357/aad90b>
7. "A Spectroscopic Survey of the Fields of 28 Strong Gravitational Lenses: Implications for H_0 ," Wilson, M. L. et al. (**Williams, K.A.** as 5th author) 2017, The Astrophysical Journal, 850, 94, <http://dx.doi.org/10.3847/1538-4357/aa9653>
8. "The Ages of the Thin Disk, Thick Disk, and the Halo from Nearby White Dwarfs," Kilic, M., et al. (**Williams, K. A.** as 6th author) 2017, The Astrophysical Journal, 837, 162, <http://doi.org/10.3847/1538-4357/aa62a5>
9. "A Deep Proper Motion Catalog Within the Sloan Digital Sky Survey Footprint. II. The White Dwarf Luminosity Function," Munn, J. A., et al. (**Williams, K. A.** as 6th author) 2017, The Astronomical Journal, 153, 10, <http://doi.org/10.3847/1538-3881/153/1/10>
10. "New halo white dwarf candidates in the Sloan Digital Sky Survey," Dame, K., et al. (**Williams, K. A.** as 6th author) 2016, Monthly Notices of the Royal Astronomical Society, 463, 2453, <http://doi.org/10.1093/mnras/stw2146>
11. "A Spectroscopic Survey of the Fields of 28 Strong Gravitational Lenses: the Group Catalog," Wilson, M. L., et al. (**Williams, K. A.** as 5th author) 2016, The Astrophysical Journal, 833, 194, <http://doi.org/10.3847/1538-4357/833/2/194>
12. "Variability in Hot Carbon-dominated Atmosphere (Hot DQ) White Dwarfs: Rapid Rotation?," **Williams, K. A.**, et al. 2016, The Astrophysical Journal, 817, 27, <http://doi.org/10.3847/0004-637X/817/1/27>

13. "Time-series Spectroscopy of Two Candidate Double Degenerates in the Open Cluster NGC 6633," **Williams, K. A.**, et al. 2015, The Astronomical Journal, 150, 194, <http://doi.org/10.1088/0004-6256/150/6/194>
14. "A Spectroscopic Survey of the Fields of 28 Strong Gravitational Lenses," Momcheva, I. G., et al. (**Williams, K. A.** as 2nd author) 2015, The Astrophysical Journal Supplement Series, 219, 29, <http://doi.org/10.1088/0067-0049/219/2/29>
15. "A Deep Proper Motion Catalog Within the Sloan Digital Sky Survey Footprint," Munn, J. A., et al. (**Williams, K. A.** as 6th author) 2014, The Astronomical Journal, 148, 132, <http://doi.org/10.1088/0004-6256/148/6/132>
16. "Photometric Variability in a Warm, Strongly Magnetic DQ White Dwarf, SDSS J103655.39+652252.2," **Williams, K. A.**, et al. 2013, The Astrophysical Journal, 769, 123, <http://doi.org/10.1088/0004-637X/769/2/123>
17. "The Age and Stellar Parameters of the Procyon Binary System," Liebert, J., et al. (**Williams, K. A.** as 4th author) 2013, The Astrophysical Journal, 769, 7, <http://doi.org/10.1088/0004-637X/769/1/7>
18. "Time-resolved Spectroscopy of the Polar EU Cancri in the Open Cluster Messier 67," **Williams, K. A.**, et al. 2013, The Astronomical Journal, 145, 129, <http://doi.org/10.1088/0004-6256/145/5/129>
19. "A Gravitational Redshift Determination of the Mean Mass of White Dwarfs: DBA and DB Stars," Falcon, R. E., et al. (**Williams, K. A.** as 4th author) 2012, The Astrophysical Journal, 757, 116, <http://doi.org/10.1088/0004-637X/757/2/116>
20. "Further Investigation of White Dwarfs in the Open Clusters NGC 2287 and NGC 3532," Dobbie, P. D., et al. (**Williams, K. A.** as 3rd author) 2-12, Monthly Notices of the Royal Astronomical Society, 432, 2815, <http://dx.doi.org/10.1111/j.1365-2966.2012.21090.x>
21. "Discovery of a ZZ Ceti in the Kepler Mission Field," Hermes, J. J., et al. (**Williams, K. A.** as 4th author) 2011, The Astrophysical Journal, 741, L16, <http://doi.org/10.1088/2041-8205/741/1/L16>
22. "The Effect of Environment on Shear in Strong Gravitational Lenses," Wong, K. C., et al. (**Williams, K. A.** as 3rd author) 2011, The Astrophysical Journal, 726, 84, <http://doi.org/10.1088/0004-637X/726/2/84>
23. "A Detailed Model Atmosphere Analysis of Cool White Dwarfs in the Sloan Digital Sky Survey," Kilic, M., et al. (**Williams, K. A.** as 8th author) 2010, The Astrophysical Journal Supplement Series, 190, 77, <http://doi.org/10.1088/0067-0049/190/1/77>
24. "Discovery of a Nova-like Cataclysmic Variable in the Kepler Mission Field," **Williams, K. A.**, et al. 2010, The Astronomical Journal, 139, 2587, <http://doi.org/10.1088/0004-6256/139/6/2587>
25. "Discovery of a GeV Blazar Shining Through the Galactic Plane," Vandenbroucke, J. et al. (**Williams, K. A.** as 22nd author) 2010, The Astrophysical Journal Letters, 718, 166, <http://dx.doi.org/10.1088/2041-8205/718/2/L166>
26. "Visitors from the Halo: 11 Gyr Old White Dwarfs in the Solar Neighborhood," Kilic, M., et al. (**Williams, K. A.** as 3rd author) 2010, The Astrophysical Journal, 715, L21, <http://doi.org/10.1088/2041-8205/715/1/L21>

27. "A Gravitational Redshift Determination of the Mean Mass of White Dwarfs. DA Stars," Falcon, R. E., et al. (**Williams, K. A.** as 4th author) 2010, The Astrophysical Journal, 712, 585, <http://doi.org/10.1088/0004-637X/712/1/585>
28. "A New Detailed Examination of White Dwarfs in NGC 3532 and NGC 2287," Dobbie, P. D., et al. (**Williams, K. A.** as 4th author) 2009, Monthly Notices of the Royal Astronomical Society, 395, 2248, <http://dx.doi.org/10.1111/j.1365-2966.2009.14688.x>
29. "Probing the Lower Mass Limit for Supernova Progenitors and the High-Mass End of the Initial-Final Mass Relation from White Dwarfs in the Open Cluster M35 (NGC 2168)," **Williams, K. A.**, Bolte, M., Koester, D. 2009, The Astrophysical Journal, 693, 355, <http://doi.org/10.1088/0004-637X/693/1/355>
30. "The Physics of Crystallization from Globular Cluster White Dwarf Stars in NGC 6397," Winget, D. E. et al. (**Williams, K. A.** as 7th author) 2009, The Astrophysical Journal Letters, 693, 6, <http://dx.doi.org/10.1088/0004-637X/693/1/L6>
31. "SDSS J142625.71+575218.3: The First Pulsating White Dwarf with a Large Detectable Magnetic Field," Dufour, P. et al. (**Williams, K. A.** as 4th author) 2008, The Astrophysical Journal, 683, 167, <http://dx.doi.org/10.1086/591672>
32. "The White Dwarf Population in NGC 1039 (M34) and the White Dwarf Initial-Final Mass Relation," Rubin, K. H. R., et al. (**Williams, K. A.** as 2nd author) 2008, The Astronomical Journal, 135, 2163, <http://doi.org/10.1088/0004-6256/135/6/2163>
33. "SDSS J142625.71+575218.3: A Prototype for a New Class of Variable White Dwarf," Montgomery, M. H., et al. (**Williams, K. A.** as 2nd author) 2008, The Astrophysical Journal, 678, L51, <http://doi.org/10.1086/588286>
34. "Erratum: "First Results from a Photometric Survey of Strong Gravitational Lens Environments" (ApJ, 646, 85 [2006])," **Williams, K. A.**, et al. 2008, The Astrophysical Journal, 672, 733, <http://doi.org/10.1086/523939>
35. "A Photometric and Spectroscopic Search for White Dwarfs in the Open Clusters NGC 6633 and NGC 7063," **Williams, K. A.**, Bolte, M. 2007, The Astronomical Journal, 133, 1490, <http://doi.org/10.1086/511675>
36. "Ophiuchus 1622-2405: Not a Planetary Mass Binary," Luhman, K. L., et al. (**Williams, K. A.** as 5th author) 2007, The Astrophysical Journal, 659, 1629, <http://dx.doi.org/10.1086/512539>
37. "The Precataclysmic Binary HS 1136+6646 May Have a Companion," Liebert, J., et al. (**Williams, K. A.** as 2nd author) 2006, Publications of the Astronomical Society of the Pacific, 118, 1528, <http://doi.org/10.1086/509664>
38. "First Results from a Photometric Survey of Strong Gravitational Lens Environments," **Williams, K. A.**, et al. 2006, The Astrophysical Journal, 646, 85, <http://doi.org/10.1086/504788>
39. "A Hot DQ White Dwarf in the Open Star Cluster M35," **Williams, K. A.**, et al. 2006, The Astrophysical Journal, 643, L127, <http://doi.org/10.1086/505211>
40. "A Spectroscopic Study of the Environments of Gravitational Lens Galaxies," Momcheva, I. G., **Williams, K. A.**, Keeton, C. R., Zabludoff, A. I. 2006, The Astrophysical Journal, 641, 169, <http://dx.doi.org/10.1086/500382>

41. "Cool White Dwarfs in the Sloan Digital Sky Survey," Kilic, M., et al. (**Williams, K. A.** as 6th author) 2006, The Astronomical Journal, 131, 582, <http://doi.org/10.1086/497962>
42. "The White Dwarf Luminosity Function from Sloan Digital Sky Survey Imaging Data," Harris, H. C., et al. (**Williams, K. A.** as 5th author) 2006, The Astronomical Journal, 131, 571, <http://doi.org/10.1086/497966>
43. "The Age and Progenitor Mass of Sirius B," Liebert, J., et al. (**Williams, K. A.** as 5th author) 2005, The Astrophysical Journal, 630, L69, <http://doi.org/10.1086/462419>
44. "The open-cluster initial-final mass relationship and the high-mass tail of the white dwarf distribution," Ferrario, L., et al. (**Williams, K. A.** as 4th author) 2005, Monthly Notices of the Royal Astronomical Society, 361, 1131, <http://doi.org/10.1111/j.1365-2966.2005.09244.x>
45. "An Empirical Initial-Final Mass Relation from Hot, Massive White Dwarfs in NGC 2168 (M35)," **Williams, K. A.**, Bolte, M., Koester, D. 2004, The Astrophysical Journal, 615, L49, <http://doi.org/10.1086/425995>
46. "Spectroscopic Identification of Faint White Dwarf Candidates in the Praesepe Open Star Cluster," **Williams, K. A.**, Bolte, M., Liebert, J. W. 2004, The Astronomical Journal, 128, 1784, <http://doi.org/10.1086/423907>
47. "The Impact of Unresolved Binaries on Searches for White Dwarfs in Open Clusters," **Williams, K. A.** 2004, The Astrophysical Journal, 601, 1067, <http://doi.org/10.1086/380754>
48. "The White Dwarf Deficit in Open Clusters: Dynamical Processes," Fellhauer, M., et al. (**Williams, K. A.** as 5th author) 2003, The Astrophysical Journal, 595, 53, <http://dx.doi.org/10.1086/379005>
49. "Determination of the Dark Matter Profile of A2199 from Integrated Starlight," Kelson, D. D., et al. (**Williams, K. A.** as 3rd author) 2002, The Astrophysical Journal, 576, 720, <http://dx.doi.org/10.1086/341891>
50. "Serendipitous Discovery of a Cluster of Galaxies with a Peculiar Central Galaxy," **Williams, K. A.** 2001, The Astronomical Journal, 122, 55, <http://doi.org/10.1086/321134>
51. "The Velocity Function of Galaxies," Gonzalez, A. H., et al. (**Williams, K. A.** as 2nd author) 2000, The Astrophysical Journal, 528, 145, <http://doi.org/10.1086/308159>
52. "The Large-Scale Diffuse X-ray Emission Surrounding Quasars: An Investigation Using the Scaling Index Method," **Williams, K. A.**, Brinkmann, W., Wiedenmann, G. 1998, Astronomy & Astrophysics, 340, 343, <http://adsabs.harvard.edu/abs/1998A%26A...340..343W>

Selected Non-Refereed Publications

1. "Photometric Monitoring of the ZZ Ceti Star PG 1541+651," Clausen, M.E. & **Williams, K.A.** 2023, Research Notes of the American Astronomical Society, 7, 122, <https://doi.org/10.3847/2515-5172/acdc93>
2. "Ensemble evolutionary studies of white dwarfs in open star clusters," **Williams, K.A.** 2020, in "IAU Symposium 357, White Dwarfs as Probes of Fundamental

Physics,” ed. M.A. Barstow et al. (Cambridge: Cambridge University Press), 179,
<https://doi.org/10.1017/S1743921320000848>

3. “Defining the DS Spectral Type for Oxygen-atmosphere White Dwarfs,”
Williams, K.A., Kepler, S.O., and Sion, E.M. 2019, Research Notes of the
American Astronomical Society, 3, 109,
<https://iopscience.iop.org/article/10.3847/2515-5172/ab3469>
4. “Lessons Learned from the ‘Age of the Milky Way’ Teacher Professional
Development Workshop Evaluation,” Hemenway, M. K., et al. (**Williams, K. A.** as
6th author) 2010, Science Education and Outreach: Forging a Path to the Future.
Edited by Jonathan Barnes, Denise A. Smith, Michael G. Gibbs, and James G.
Manning., p.160, <http://adsabs.harvard.edu/abs/2010ASPC..431..160H>
5. “White Dwarfs in the HET Dark Energy Experiment,” Castanheira, B. G. et al.,
(**Williams, K. A.** as 3rd author) 2010, AIP Conf. Proc.: 17th European White
Dwarf Workshop, 1273, 160 <http://dx.doi.org/10.1063/1.3527795>
6. “Reports on New Discoveries,” Degennaro, S., **Williams, K.**, Montgomery, M.
2008, International Bulletin on Variable Stars, 5800, 8
7. “A New Look at the Empirical Initial-Final Mass Relation,” **Williams, K. A.** 2007,
15th European Workshop on White Dwarfs ASP Conference Series, Vol. 372,
Edited by Ralf Napiwotzki and Matthew R. Burleigh. San Francisco: Astronomical
Society of the Pacific, p. 85 <http://adsabs.harvard.edu/abs/2007ASPC..372...85W>
8. “A Spectroscopic Study of the Environments of Gravitational Lens
Galaxies,” Momcheva, I., **Williams, K.**, Keeton, C., & Zabludoff, A. 2006, EAS
Publications Series: Mass Profiles and Shapes of Cosmological Structures, 20,
289, <http://dx.doi.org/10.1051/eas:2006094>
9. “Minor Planet Observations [696 Whipple Observatory, Mt. Hopkins],”
Hergenrother, C. W., Spahr, T. B., **Williams, K. A.**, Berlind, P., & Calkins, M.
2005, MPC, 54975, 8
10. “White dwarfs in open clusters: The initial-final mass limit, the supernova mass
limit, and the white dwarf deficit,” **Williams, K. A.** 2002, Ph.D. Thesis,
<http://adsabs.harvard.edu/abs/2002PhDT.....17W>