Kristen Dage
Curriculum Vitæ

Graduate Student
Dept. of Physics and Astronomy
Michigan State University
East Lansing, MI 48824

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https://kcdage.github.io/

Education

2015 - present	Ph.D. Astronomy and Astrophysics Michigan State University, East Lansing, MI Advisor: S.E. Zepf
2015 - 2017	M.S. Astronomy and Astrophysics Michigan State University, East Lansing, MI
2012 - 2014	B.S. Physics University of Michigan-Dearborn, Dearborn MI

Teaching experience

2015 - 2018	Teaching assistant ISP 205L -Visions of the Universe Michigan State University, East Lansing, MI
2011 - 2014	Math, Physical Sciences Tutor Academic Support Center Oakland Community College, Farmington Hills, MI

Awards

2014	Outstanding Physics Student *Dept. Natural Sciences, University of Michigan-Dearborn*

Professional Presentations

2017 Mar	Compact Objects in Michigan 5 (East Lansing, MI), Contrib. Talk
2017 Feb	Gemini South Observatory, (La Serena, Chile), (Seminar Talk)
2017 Jan	229th American Astronomical Society meeting (Grapevine, TX), Poster presentation
2014 Nov	Annual Physics Undergrad Research Conference (Wayne State University), Poster presentation
2014 Jun	218th American Astronomical Society meeting (Boston, MA), Poster presentation
2014 Apr	Compact Objects in Michigan 3 (East Lansing, MI), Contrib. Talk

Astronomy Public Outreach Activities

2018	MSU Science Festival Expo Days (Primary Astronomy Organizer), East Lansing, MI
2017	Public talk for Capital Area Astronomy Association, East Lansing, MI
2017	Public talk for Astronomy on Tap, East Lansing MI

Refereed Publications

1. K. C. Dage, S. E. Zepf, A. Bahramian, A. Kundu, T. J. Maccarone, M. B. Peacock, "*X-ray variability from the ultraluminous black hole X-ray binary in the globular cluster RZ 2109*", 2017, ApJ, submitted.

2. K.C. Dage, W.I. Clarkson, "*A search for spin-superorbital period correlation in SMC X-1*", in prep.

Experience and analysis skills

- X-ray spectroscopy, imaging and timing analysis (*Chandra*, *XMM-Newton*)
- Optical spectroscopy analysis (*SOAR/GHTS*, *Gemini/GMOS*)
- Conducting optical observations (*SOAR* observatory)
- Programming: Python, Mathematica
- Major astronomical packages: AstroPy, CIAO, HEASoft (XSpec, Xronos, XStar, FTools), IRAF