

# Lauren R. Cashman

Astronomy Department  
Boston University  
725 Commonwealth Ave.  
Boston, MA 02215

Phone: (617) 353-0030  
Fax: (617) 353-5704  
Office: CAS 417  
Email: lcashman@bu.edu

## Education

- Ph.D. student in Astronomy, Boston University, 2009–current.
- M.A. Astronomy, Boston University, 2013.
- B.S. Physics and Astronomy, *Magna Cum Laude*, University of Pittsburgh, 2009.

## Employment

- Boston University, Research Assistant, June 2010–present.
- Boston University, Teaching Fellow, September 2009–May 2009, September 2013–present.
- University of Pittsburgh, Brackenridge Fellow, May 2008–August 2008.

## Research Skills

- Proficient in IDL and Python and experience with DS9 and IRAF
- Sixty-one nights observing with Mimir on the 1.8m Perkins Telescope outside Flagstaff, AZ

## Peer-Reviewed Journal Articles

- “The Magnetic Field of Cloud 3 in Lynds 204,” **Cashman, L. R.** & Clemens, D. P. 2014, ApJ, submitted
- “Near-infrared polarimetry of a normal spiral galaxy viewed through the Taurus Molecular Cloud Complex,” Clemens, D. P., Pavel, M. D., & **Cashman, L. R.** 2013, AJ, 145, 74
- “The Galactic Plane Infrared Polarization Survey (GPIPS): Data Release 1,” Clemens, D. P., Pavel, M. D., & **Cashman, L. R.** 2012, ApJS, 200, 21

## Abstracts

- “The Galactic Plane Infrared Polarization Survey (GPIPS): Data Release 1,” **Cashman, L. R.**, Clemens, D. P., & Pavel, M. D. 2013, BAAS, 221, 352.16
- “The Galactic Plane Infrared Polarization Survey (GPIPS): The Full Poster,” Clemens, D. P., **Cashman, L. R.**, Hoq, S., Montgomery, J., Pavel, & M. D. 2013, BAAS, 221, 352.15
- “Using Open Star Clusters to Probe the Small-Scale Characteristics of the Galactic Magnetic Field,” Hoq, S., **Cashman, L. R.**, & Clemens, D. P. 2013, BAAS, 221, 250.30
- “Near-Infrared Polarization Observations of NGC891,” Montgomery, J., **Cashman, L. R.**, Clemens, D. P., & Pavel M. D. 2013, BAAS, 221, 146.12
- “Evolved Stars and Variability in the M5 and M15 Globular Clusters,” Kraemer, K. E., Sloan, G. C., Lagadec, E., Devost, D., Clemens, D. P., **Cashman, L. R.**, McDonald, I., Boyer, M. L., & Zijlstra, A. A. 2013, BAAS, 221, 250.23
- “Mapping the Magnetic Field of Cloud 3 in Lynds 204,” **Cashman, L. R.**, & Clemens, D. P. 2012, BAAS, 219, 349.08

## Conferences and Summer Schools Attended

- 221st Meeting of the American Astronomical Society, Long Beach, CA, January 2013.
- Summer School in Statistics for Astronomers, The Pennsylvania State University, June 2012.
- 219th Meeting of the American Astronomical Society, Austin, TX, January 2012.
- 218th Meeting of the American Astronomical Society, Boston, MA, May 2012.