

Kevin Blagrove

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Education

2006	University of Toronto	Ph. D. Astronomy and Astrophysics
2000	University of Toronto	M. Sc. Astronomy
1999	Dalhousie University	B. Sc. (Hon) Physics and Chemistry

Experience

2006 - present	Canadian Institute of Theoretical Astrophysics, University of Toronto	Postdoctoral Fellow
1999 - 2006	University of Toronto	Teaching Assistant
	Seven years as a teaching assistant at the University of Toronto for the Astronomy and Astrophysics Department. Work consisted of meeting with students, leading help sessions as well as grading and administrative/organizational tasks.	
2001 - 2005	University of Toronto	Outreach
	Five years experience giving public talks at the David Dunlap Observatory and in the department of Astronomy and Astrophysics. Three years volunteering as a judge for a middle school science fair.	
1997 - 1999	Dalhousie University	Teaching Assistant
	Two years as a teaching assistant at Dalhousie University for the Physics Department. Work consisted of assisting students in the lab, as well as grading lab reports.	

Skills

Operating Systems: Linux, Mac OSX, Windows

Programming, scripting: C, Fortran, IDL, sed, awk, L^AT_EX

Tools: IRAF, Miriad, DRAO *madr* software

Publications

Refereed

Blagrave, K. P. M. , Martin, P. G., Rubin, R. H., Ferland, G. J., Dufour, R. J., O'Dell, C. R., Baldwin, J. A., Hester, J. J., and Walter, D. K. Decrement of Ultraviolet He I lines and Extinction Corrections in the Orion Nebula, 2007, *ApJ*, 655, 299

Blagrave, K. P. M., Martin, P. G., and Baldwin, J. A. A photoionized Herbig-Haro object in the Orion nebula, 2006, *ApJ*, 644, 1006

Blagrave, K. P. M. and Martin, P. G. On the [O II] ground configuration energy levels, 2004, *ApJ*, 610, 813

Rubin, R. H., Martin, P. G., Dufour, R. J., Ferland, G. J., Blagrave, K. P. M., Liu, X.-W., Nguyen, J. F., Baldwin, J. A. Temperature variations from Hubble Space Telescope spectroscopy of the Orion nebula, 2003, *MNRAS*, 340, 362

Non-refereed and conference proceedings

Blagrave, K. P. M. Dust in high Galactic latitude cirrus, Cosmic Dust Near and Far 2008, Heidelberg, Germany

Blagrave, K. P. M. and Martin, P. G. The dust-gas correlation of Intermediate Velocity Clouds at the North Ecliptic Pole, Spitzer 2007 Conference: The Evolving ISM in the Milky Way and Nearby Galaxies, Pasadena, CA

Blagrave, K. P. M. and Martin, P. G. Intermediate Velocity Clouds in the North Ecliptic Pole Region, Canadian Astronomical Society Conference (CASCA) 2007, Kingston, ON

Blagrave, K. Spectroscopic Investigations of the Orion nebula, 2006, PhD Thesis

Blagrave, K. P. M. and Martin, P. G. Starlight excitation of permitted lines in the Orion nebula, Canadian Astronomical Society Conference (CASCA) 2004, Winnipeg, ON

Rubin, R. H., Martin, P. G., Blagrave, K. P. M., Dufour, R. J., Ferland, G. J., Liu, X.-W., Nguyen, J. F., Baldwin, J. A. Temperature Variations from HST Spectroscopy of NGC 1976, 2003, *RMxAC*, 18, 113

Blagrave, K. and Martin, P. G. On the O II ground configuration energy levels, CASCA 2003, Waterloo, ON

Martin, P. G. and Blagrave, K. A photoionized Herbig Haro shock, *JRASC*, 97, 208 (CASCA 2003, Waterloo, ON)

Blagrave, K. P. M., Baldwin, J. A., and Martin, P. G. Line-of-sight optical emission in the Orion nebula, CASCA 2001, Hamilton, ON

Blagrave, K. Line-of-sight emission line analyses of the Orion nebula (Master's project, 2000)

Awards

<i>2003-2004</i>	<i>Ontario Graduate Scholarship in Science and Technology</i>	<i>University of Toronto</i>
<i>2001-2003</i>	<i>Walter C. Sumner Fellowship</i>	<i>University of Toronto</i>
<i>2001-2003</i>	<i>University of Toronto Fellowship</i>	<i>University of Toronto</i>
<i>2000-2001</i>	<i>Carl Reinhardt Fellowship</i>	<i>University of Toronto</i>
<i>1999-2001</i>	<i>NSERC PGS A</i>	<i>University of Toronto</i>

Conferences

CASCA 2001, Hamilton, ON

NASA Laboratory Astrophysics Workshop, NASA Ames, 2002

Chemistry as a Diagnostic of Star Formation, Waterloo, ON, 2002

CASCA 2003, Waterloo, ON

CASCA 2004, Winnipeg, ON

CASCA 2007, Kingston, ON

Spitzer 2007 Conference: The Evolving ISM in the Milky Way and Nearby Galaxies, Pasadena, CA

Cosmic Dust Near and Far 2008, Heidelberg, Germany