

# Christopher C. Capobianco

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## Education

- PhD (Astronomy), Queen's University (Withdrawn 2011)  
Supervisor: Dr. Martin Duncan
- MSc (Astronomy), Saint Mary's University, 2006  
“Modeling Dusty Planetary Disks Using Secular Perturbation Theory”  
Supervisor: Dr. Joseph Hahn
- H. BSc (Astrophysics), University of Toronto, 2002  
Honours Thesis Supervisor: Dr. Norman Murray

## Computer Experience

- Operating Systems: *Linux, Unix, Mac OS X, Windows*
- Command Line Interfaces: *BASH, CSH*
- Programming Languages: *Fortran 77/90/95, IDL, C/C++*
- Application Program Interfaces: *OpenMP, MPI*
- Scientific Software: *IRAF, Mathematica, Maple*

## Publications

- “Planetesimal-driven planet migration in the presence of a gas disk”  
Capobianco, C. C.; Duncan, M. and Levison, H. F. *Icarus*, In Press, DOI: 10.1016/j.icarus.2010.09.001
- “Photometric and Spectroscopic Study of the Delta Scuti Stars FH Cam, CU CVn and CC Lyn”  
Conidis, G. J.; Gazeas, K. D.; Capobianco, C. C. and Ogloza, W. 2010, *CoAst*, **161**, 23C
- “Radial Velocity Studies of Close Binary Stars. X”  
Rucinski, S. M.; Pych, W.; Ogloza, W.; DeBond, H.; Thomson, J. R.; Mochnacki, S. W.; Capobianco, C. C.; Conidis, G.; Rogoziecki, P. 2005, *AJ*, **130**, 767R
- “Radial Velocity Studies of Close Binary Stars. IX”  
Pych, W.; Rucinski, S. M.; DeBond, H.; Thomson, J. R.; Capobianco, C. C.; Blake, R. M.; Ogloza, W.; Stachowski, G.; Rogoziecki, P.; Ligeza, P.; Gazeas, K. 2004, *AJ*, **127**, 1712P
- “On the Flux of Extra-Solar Dust in Earth's Atmosphere”  
Murray, N.; Weingartner, Joseph C.; Capobianco, C. 2004, *ApJ*, **600**, 804M
- “Radial Velocity Studies of Close Binary Stars. VIII”  
Rucinski, S. M.; Capobianco, C. C.; Lu, W.; DeBond, H.; Thomson, J. R.; Mochnacki, S. W.; Blake, R. M.; Ogloza, W.; Stachowski, G.; Rogoziecki, P. 2003, *AJ*, **125**, 3258R
- “Radial Velocity Studies of Close Binary Stars. VI”  
Rucinski, S. M.; Lu, W.; Capobianco, C.; Mochnacki, S. W.; Blake, R. M.; Thomson, J. R.; Ogloza, W.; Stachowski, G. 2002, *AJ*, **124**, 1738R

## Research Experience

- Research Assistant, Dr. Raymond Carlberg  
University of Toronto, October 2003–July 2004
- Research Assistant, Dr. Douglas Johnstone  
University of Victoria, September 2002–May 2003
- Research Assistant, Dr. Slavek Rucinski  
David Dunlap Observatory, May 2002–September 2002
- Honours Thesis, Dr. Norman Murray  
University of Toronto, September 2001–May 2002
- Research Assistant, Dr. Slavek Rucinski & Dr. Robert Garrison  
David Dunlap Observatory, May 2001–September 2001
- Research Assistant for Dr. Robert Garrison  
David Dunlap Observatory, May 2000–September 2000
- Research Opportunity Program with Dr. Robert Garrison  
University of Toronto, September 1999–May 2000

## Observational Experience

- 115 scheduled observing nights, with over 450 hours of telescope time  
David Dunlap Observatory, Richmond Hill, Ontario, Canada  
September 1999–August 2002
- Assisted in follow-up observations of asteroid candidates  
Dominion Astrophysical Observatory, Victoria, British Columbia, Canada  
September 2002