

EDUCATION

- Ph.D.** Astrophysics, Dec 2001, University of Colorado “*UV Spectroscopy of the Hot ISM*”
- B.Sc.** Honors Physics and Honors Mathematics, June 1996, McGill University

RELATIVELY RECENT RESEARCH POSITIONS

- Senior Research Associate, Nat'l Radio Astronomy Observatory 2007-2008
- Research Scientist, U. Virginia 2005-present
- Spitzer Fellow, multiwavelength star formation, U. Virginia 2004-2007
- Scientist, GLIMPSE MIR galactic plane survey, U. Wisconsin 2001-2004
- Research Assistant, FIR/submm hardware, U. Colorado 2000-2001
- Research Assistant, UV hardware and ISM, U. Colorado 1997-2001
- Research Assistant, Magnetohydrodynamics, U. Colorado 1998-2001

CURRENT GRANTS (for collaborative grants, my portion is listed, and the total is in parentheses)

- *Massive Star Formation Across our Galaxy and Beyond* (Spitzer fellowship) 7/04-9/08, \$277000
- *SAGE – Spitzer survey of the LMC* (2 grants) 8/05-9/09 \$44700 (\$2080000)
- *24 μ m Survey of the Milky Way* (2 grants) 8/05-9/09 \$38000 (\$1423000)
- *Spectroscopy of PAH and PDR physics in star formation regions* 8/05-8/08 \$10000 (\$51700)
- *GLIMPSE II IRAC Survey of the Galactic Center* 8/05-9/09 \$7000 (\$174000)
- *ARGUS Galactic Structure* 8/05-8/08 (\$124000)
- *Stellar Feedback in 30 Doradus* 8/06-8/09 \$257300
- *Galactic Structure and Star Formation in Vela-Carina* 8/07-8/10 (\$209000)
- *SAGE-SMC: Surveying the Agents of Galaxy Evolution in the SMC* 8/07-8/10 \$50000 (\$1012500)
- *The life cycle of dust and gas in the Large Magellanic Cloud* 8/07-8/10 \$43800 (\$876000)
- *LMIRCam* 8/07-8/10 (\$749000)
- *Infrared Survey of Protostellar Outflow Activity* 8/07-8/10 \$349973
- *NGC 3576: Spontaneous or Triggered Star Formation of a Giant HII Region* 8/07-8/10 \$37810
- *Direct Physical Diagnostics of Triggered Star Formation* 2008-2011 \$20000 (\$76320)
- *Clarifying Massive Protostellar Evolution and Circumstellar Processing* 2008-2011 \$62370
- *The Eagle Nebula: a spectral template for star forming regions* 2008-2011 \$268365 (\$30000)

RECENT SERVICE (SELECTED)

- CASA ALMA data simulator development, NRAO, 2007-present
- CASA helpdesk support, NRAO, 2007-present
- department internal TAC co-chair, 2007-present
- department representative, Apache Point Observatory, 2006-present
- SOC co-chair and LOC member, ALMA Star Formation meeting, 2008
- Spitzer TAC, 2007
- LOC, ALMA Disks meeting, 2007
- UVa/NRAO colloquium organizer, 2006-2007
- Spitzer fellowship selection committee, 2006
- VLA/VLBA referee 2006-present
- NSF AST review panel, 2005
- referee for A&A, ApJ, AJ, MNRAS, perpetual

RECENT TEACHING & OUTREACH (SELECTED)

- supervising an Astronomy major's thesis U. Virginia 2007-8
- co-supervising a postdoc - STScI, 2007-present
- co-supervising three graduate students - U. Virginia and U. Wisc., 2006-present
- invited speaker, Charlottesville Astronomical Society, 2006
- employed and supervised summer undergraduate research - U. Virginia, 2006
- open Houses at UVa's Fan mountain, 2005-present
- taught tutorial on ISM/masers - U. Virginia 2005