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EDUCATION

- **Ph.D. University of Colorado**, Astrophysical and Planetary Sciences May 2000
 Thesis: *Light Scattering and Evolution of Circumstellar Disks and Planetary Rings*
 Advisors: L. W. Esposito, J. Bally
- **M.S., University of Colorado, Boulder**, Astrophysical and Planetary Sciences May 1997
- **B.A., Grinnell College**, Grinnell, IA, Physics May 1994
Budapest Technical University, Hungary, Spring 1993

EXPERIENCE

- **Southwest Research Institute, Boulder, CO** June 2001–present
Research Associate
- **University of Arizona, Tucson** December 2000 – June 2001
Visiting Scholar
- **Laboratory for Atmospheric and Space Physics, University of Colorado** May–December 2000
Research Associate
- **Department of Astrophysical & Planetary Sciences, University of Colorado** Summer 2000
Lecturer
- **Laboratory for Atmospheric and Space Physics, University of Colorado** 1995–2000
Research Assistant

PUBLICATIONS

- J. A. Burns, D. P. Simonelli, M. R. Showalter, D. P. Hamilton, C. C. Porco, L. W. Esposito, and H. Throop 2004. *Jupiter's Ring-Moon System*. In **Jupiter**, Cambridge Univ. Press, 241–262.
- Throop, H. B., C. C. Porco, R. A. West, J. A. Burns, M. R. Showalter, and P. D. Nicholson 2003. *The Jovian Rings: New Results Derived from Cassini, Galileo, Voyager, and Earth-based Observations*. Icarus, in press.
- C. C. Porco and 27 co-authors 2003. *Cassini Imaging of Jupiter's Atmosphere, Satellites, and Rings*. *Science* **299**, 1541–1547.
- Throop, H. B., J. Bally, and L. W. Esposito 2003. *Dust Grain Growth in Young Circumstellar Disks in the Orion Nebula and Implications for Planetary System Architectures*. Submitted to *AJ*.
- Shuping, R. Y., J. Bally, M. Morris, and H. B. Throop 2002. *Evidence for Grain Growth in the Protostellar Disks of Orion*. *ApJ* **587**, L109–L112
- DeGioia-Eastwood, K., H. B. Throop, G. Walker, and K. M. Cudworth 2001. *The star formation history of Trumpler 14 and Trumpler 16*. *ApJ* **549**, 578–589.
- Throop, H. B., J. Bally, L. W. Esposito, and M. J. McCaughrean 2000. *Evidence for dust grain growth in young circumstellar disks*. *Science* **292**, 1686–1689.
- Throop, H. B. and L. W. Esposito 1998. *Photometry and Evolution of Saturn's G Ring*. *Icarus* **131**, 152–166.
- C. C. Porco, H. B. Throop, M. J. Pantazoupoulou, and T. J. J. Kehoe 2003. *Light Scattering in Saturn's Rings, I: Basic Formulation, Ring Thickness, and the A Ring Azimuthal Asymmetry*. In preparation.