

# Paul J. Heafner

*Instructional Physicist*

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☎ unlisted

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## Education

- Fall 1999 **Demystifying Quantum Mechanics**, *Montana State University*, National Teachers Enhancement Network.
- Spring 1999 **General Relativity**, *Montana State University*, National Teachers Enhancement Network.
- 1989–1991 **Master of Science, Physics**, *University of North Carolina at Greensboro*.
- 1985–1989 **Bachelor of Arts, Astronomy**, *University of North Carolina at Chapel Hill*.

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## Experience

- 1999–2000 **Adjunct Lecturer**, *University of North Carolina at Charlotte*, Introductory astronomy lecture and lab.
- 1992–present **Astronomy/Physics Instructor**, *Catawba Valley Community College*, Algebra-based physics, calculus-based physics, technical physics, conceptual physics, descriptive astronomy, general astronomy.

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## Professional

- 2006–present **AAPT Committee on Space Science and Astronomy**.  
**Former TYC representative to NCS-AAPT.**
- 2000–present **Contributing editor to *Sky & Telescope***.
- Fall 1999 **First in North Carolina to implement *Matter & Interactions***.  
**Member SPS, Sigma Pi Sigma, AAPT.**  
**Member of Catawba Valley Astronomy Club.**  
**Staff member at Lucile Miller Observatory.**

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## Awards and Honors

- Spring 1999 **NCS-AAPT Meeting**, *Best Pedagogical Paper*.
- Fall 2006 **NCS-AAPT Meeting**, *Best Pedagogical Paper*.

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## References

Available upon request.

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## Publications

- Paul J. Heafner. Bringing Planetary Math Down To Earth. *Visual Basic Programmer's Journal*, page 60, October/November 1993.
- Paul J. Heafner. *Fundamental Ephemeris Computations*. Willmann-Bell, Inc., 1999.
- Paul J. Heafner. All Eyes on the Moon. *Sky & Telescope*, 100(3):70, September 2000.
- Paul J. Heafner. All-in-One Software. *Sky & Telescope*, 99(4):66, April 2000.
- Paul J. Heafner. Erroneous Universe. *Sky & Telescope*, 101(2):76, February 2001.
- Paul J. Heafner. High Score for Version Four. *Sky & Telescope*, 102(1):68, July 2001.

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Paul J. Heafner. Universe Well Rendered. *Sky & Telescope*, 104(6):59, December 2002.

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Paul J. Heafner. A Solid and Nostalgic Performer. *Sky & Telescope*, 106(3):64, September 2003.

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Paul J. Heafner. Martian Flights. *Sky & Telescope*, 107(6):101, June 2004.

Paul J. Heafner. Sun Follower. *Sky & Telescope*, 108(3):103, September 2004.

Paul J. Heafner. Bite-Size Delicacies. *Sky & Telescope*, 110(2):93, August 2005.

Paul J. Heafner. Celestial Free-dom. *Sky & Telescope*, 109(5):91, May 2005.

Paul J. Heafner. Double Duty. *Sky & Telescope*, 110(4):82, October 2005.

Paul J. Heafner. Keeping It Simple. *Sky & Telescope*, 109(2):100, February 2005.

Paul J. Heafner. Mira AL: Powerful Introduction to Image Processing and Analysis. *Sky & Telescope*, 112(6):93, December 2006.

Paul J. Heafner. Teaching Credentials. *Physics Education*, 41(6):566, November 2006.

Paul J. Heafner. University Teaching Credential. *The Physics Teacher*, 44(7):406, October 2006.

Paul J. Heafner. New Teaching Credential. *Physics Today*, 60(5):12, May 2007.

Paul J. Heafner. Reply to letter by Murray Peshkin. *Physics Today*, 60(2):12, February 2007.