

Biographical Sketch  
**William Levi Andersen**

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**(a) Professional Preparation**

Baylor University, Waco, TX; Physics; B.S., 1977

M.I.T., Cambridge, MA; experimental nuclear physics; Ph.D., 1985

University of Kentucky, Lexington, KY; experimental nuclear physics; 1985-1987

**(b) Appointments**

1995–present: **faculty**, Eastern New Mexico University, Portales, NM

2010–2012: **faculty**, Luther College, Decorah, IA

1988, 1989: **visiting professor**, University of Louisville, Louisville, KY

1985–1987: **visiting professor**, University of Kentucky, Lexington, KY

**(c) Publications**

- **Andersen, W.L.** and Steve Werner, The dynamics of hurricane balls. *European Journal of Physics*, 36(5):055013 (7pp), 2015. doi:10.1088/0143-0807/36/5/055013
- Khodykin, S.A., Zakharov, A.I., and **Andersen, W.L.**, Stability of Triple Star Systems with Highly Inclined Orbits. *Astrophysical Journal*, 615:506-511, 2004. <http://www.arxiv.org/abs/astro-ph/0302464>
- **Andersen, W.L.**, Smith, Sayako, and Gillen, Debra. A Simple and Direct Measure of Photometric Uncertainties. *I.A.P.P.P Communication*, 81:16-21, 2000.
- **Andersen, W.L.** Non-calculus Treatment of Steady-State Rolling of a Thin Disk on a Horizontal Surface. *The Physics Teacher*, 45:430, 2007.
- **Andersen, W.L.** and Wilcox, Walter, Lattice Charge Overlap I. Elastic Limit of Pi and Rho Mesons *Annals of Physics*, 255:34-59, 2015.

**(d) Synergistic Activities**

- Director of Southeastern New Mexico Regional Intel Affiliated Science and Engineering Fair 1999-2000.
- short lessons with hands on activities at local schools and for school groups visiting the university.
- development of “Physics of Music” general education course
- development of introductory astronomy course based on Kip Thorne’s book “Black Holes and Time Warps”.
- science fair resource for NM high school students
- Summer Science Program academic faculty 2008-2015