Vita for Jeremy R. Armstrong
Assistant Professor, University of Nebraska at Kearney (2016-present) Winona State University (2012-present)

University of Nebraska at Kearney
Department of Physics and Astronomy, BHS 224
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• Degrees

B.S. (Chemistry & Physics), June 2001
Santa Clara University

Ph. D. (Physics), December 2007
Dissertation Title: *A Cluster Model of ^{6}He and ^{6}Li*
Michigan State University

·Previous Positions

Assistant professor: Winona State University, Winona, MN (Aug 2012-May 2016)
Post-doc: Aarhus University, Aarhus, Denmark (Jan 2010-Dec 2011)
Post-doc: Lund University, Lund, Sweden (Jan 2008-Dec 2009)

• Recent Publications

J. R. Armstrong, A. G. Volosniev, D. V. Fedorov, A. S. Jensen, and N. T. Zinner. *J. of Physics A: Mathematical and Theoretical* **48**(2015)085301

A. G. Volosniev, J. R. Armstrong, D. V. Fedorov, A. S. Jensen, M. Valiente, N. T. Zinner, *New J. Phys.* **15** (2013) 043046

J. R. Armstrong, N. T. Zinner, D. V. Fedorov, and A. S. Jensen. *Few-Body Systems* **54** (2013) 605

J. R. Armstrong, S. Åberg, V. G. Zelevinsky, and S. M. Reimann. *Phys. Rev. E* **86** (2012) 066204

J. R. Armstrong, N. T. Zinner, D. V. Fedorov, and A. S. Jensen. *Phys. Rev. E* **86** (2012) 021115

J. R. Armstrong, N. T. Zinner, D. V. Fedorov, and A. S. Jensen. *Phys. Scr.* **T151** (2012) 014016

J. R. Armstrong, N. T. Zinner, D. V. Fedorov, and A. S. Jensen. *European Physical Journal D* **66**(2012)85

N. T. Zinner, J. R. Armstrong, A.G. Volosniev, D. V. Fedorov, and A. S. Jensen. *Few-Body Systems* **53** (2012) 369

J. R. Armstrong, N. T. Zinner, D. V. Fedorov, and A. S. Jensen. *Physical Review E* **85**(2012)021117

A. G. Volosniev, J. R. Armstrong, D. V. Fedorov, A. S. Jensen, and N. T. Zinner. *Few-Body Systems* **54** (2011) 707

D. V. Fedorov, J. R. Armstrong, N. T. Zinner and A. S. Jensen. *Few-Body Systems* **50**(2011)417

J. R. Armstrong, N. T. Zinner, D. V. Fedorov, and A. S. Jensen. *Journal of Physics B: Atomic, Molecular and Optical Physics* **44**(2011)055303

- **Recent Invited Talks**

2014 *Natural Radioactivity and Nuclear Science in the Everyday World*
Given as part of the Winona State geoscience department's *Earth Talks* series

2011 *Bound States in Multilayers of Cold Dipolar Molecules*
given at: Frontiers of Quantum and Mesoscopic Thermodynamics, Prague, Czech Republic
Workshop on Critical Stability, Erice, Italy

- **Teaching**

Fall 2016: Earth science, general physics I lecture and lab (Nebraska-Kearney)
Spring 2016: general physics II lecture and lab, university physics supplement, thermodynamics and statistacal physics (Winona State University)
Fall 2015: algebra-based general physics I lecture and lab, university physics supplement (WSU)
Spring 2015: general physics II lecture and lab, university physics supplement (WSU)
Fall 2014: general physics I lecture and lab (WSU)
Spring 2014: general physics II lecture and lab, thermodynamics and statistical physics (WSU)
Fall 2013: general physics I lecture and lab, introduction to nuclear science (WSU)
Spring 2013: general physics II lecture and lab, quantum mechanics (WSU)
Fall 2012: general physics I lecture and lab (WSU)
Spring 2011: numerical methods (assistant), (Aarhus University)