

TRAVIS AARON HOPPE

Curriculum Vitae
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education

- 2011 Doctor of Philosophy, Physics, Drexel University
- 2008 Master of Science, Physics, Drexel University
- 2005 Bachelors of Science, Physics, University of Nevada
- Bachelors of Science, Mathematics, University of Nevada

publications

- 2011 Travis Hoppe, *On the Role of Entropy in the Protein Folding Process*, Doctoral Thesis, 2011
- 2010 Travis Hoppe, Jian-Min Yuan, *Protein Folding with Implicit Crowders: A Study of Conformational States Using the Wang-Landau Method*, J. Phys. Chem. B 155 (9), pp 2006-2013
- 2009 Travis Hoppe, Jian-Min Yuan, *Entropic flows, crowding effects, and stability of asymmetric proteins*, Phys. Rev. E 80, 011404
- 2006 A. Safronova, Travis Hoppe, *Spectroscopic and Imaging Study of Combined W and Mo-pinches at 1 MA-pinch Generators*, IEEE Trans. Plas. Sci. 34(5) pp. 2256-2262

conferences

- 2011 Biophysical Society: Baltimore
- 2010 Biophysical Society: San Francisco
- 2009 Biophysical Society: Boston

awards

- 2010 Department Research Award (Senior Division)
SRAA: Poster Finalist. Poster was selected as one of the top finalists (20) out of 3336 entries.
- 2009 Research Assistant Award. Competitive grant from Drexel Physics Department provided on the basis of outstanding previous research and teaching support.
- 2008 Department Research Award (Junior Division)
- 2007 Teaching Assistant of the Year

open-source projects

- 2009 **lit-py** An open source scientific tool to document and increase communication for collaborative code. Used by members of the physics department to both teach and share code among students and peers.

May 10, 2011