

**BIOGRAPHICAL SKETCH**

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.  
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Adam Knepp		POSITION TITLE Graduate Fellow	
eRA COMMONS USER NAME (credential, e.g., agency login)			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Stanford University, California Rockefeller University, New York	B.S. Ph.D.	2004-2008 2008-	Chemistry Biochemistry/Biophysics

**A. Positions and Honors.** List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

- Physical Sciences Institute, Sandia National Laboratories, 2005-2006
- VPUE Summer Research Grant, Stanford University, 2007
- Graduated from Stanford University with Distinction, 2008
- Honorable Mention, National Science Foundation Graduate Research Fellowship, 2009

**B. Selected peer-reviewed publications (in chronological order).** Do not include publications submitted or in preparation. For publicly available citations, URLs or PMC submission identification numbers may accompany the full reference; copies of publicly available publications are not accepted as appendix material.

Ismail, H; Abel, PR; Green, WH; Fahr, A; Jusinski, LE; Knepp, AM; Zador, J; Meloni, G; Selby, TM; Osborn, DL; Taatjes, CA

Temperature-dependent kinetics of the vinyl radical (C<sub>2</sub>H<sub>3</sub>) self-reaction

*J. Phys. Chem. A*, **113**, 1278-1286 (2009).

Knepp, AM; Meloni, G; Jusinski, LE; Taatjes, CA; Cavalotti, C; Klippenstein, SJ

Theory, measurements, and modeling of OH and HO<sub>2</sub> Formation in the reaction of cyclohexyl radicals with O<sub>2</sub>

*Phys. Chem. Chem. Phys.*, **9**, 4315-4331 (2007).