

October 2014

**CURRICULUM VITA**  
**Corey Staller**

ADDRESS: 7700 North Capital of Texas Hwy. Apt 713  
Austin, TX 78731

PERSONAL DATA: Date of Birth: July 22, 1992  
Marital Status: Single  
Citizenship: United States of America

EDUCATION: Doctor of Philosophy, Chemical Engineering, University of Texas at Austin. Anticipated 2019  
Adviser: Delia Milliron  
B.S. Chemical Engineering, University of Missouri-Columbia, Columbia, MO, 2014. (Honors)  
B.S. Economics, University of Missouri-Columbia, Columbia, MO, 2014. (Honors)

AREAS OF SPECIALIZATION:

Surface Science (Organics and Ceramics)  
Adhesion  
Contact Angle and Surface Energy  
Effects of Plasma Treatment

AREAS OF INTEREST:

Solid State Physics  
Quantum Dot – Organic Interfaces  
Electronic Properties

PROFESSIONAL EXPERIENCE:

Student Assistant, Health Physics, University of Missouri Research Reactor  
May 2013 – December 2013

Research Assistant, Dr. Qingsong Yu, University of Missouri Mechanical and Aerospace  
Engineering, January 2012 – December 2013

Health Safety & Environmental Temp, Aerotek Staffing Agency, May 2011 – August 2011

COURSE DESIGN EXPERIENCE:

Ch\_Eng/Nu\_Eng 4001/7001 (Radiation Biophysics), University of Missouri – Columbia  
Co-designed by William McNeary  
Advised by Dr. Matthew Bernards

PUBLISHED PAPERS:

1. “Evaluation of plasma treatment effects on improving adhesive–dentin bonding by using the same tooth controls and varying cross-sectional surface areas,” *European Journal of Oral Sciences*. Dong, X., Ritts, A. C., Staller, C., Yu, Q., Chen, M., & Wang, Y. (May 2013).

PRESENTATIONS:

1. American Institute of Chemical Engineers National Conference Poster Presentation – November 2013
2. University of Missouri Undergraduate Research Forum – Spring 2012
3. University of Missouri Undergraduate Research Forum – Spring 2013

AWARDS:

Ellebracht Family Scholarship

PROFESSIONAL MEMBERSHIPS:

American Society of Chemical Engineers  
Omega Chi Epsilon Chemical Engineering Honors Fraternity  
Tau Beta Pi Engineering Honors Fraternity