

Claire S. Teresi

cteresi@g.clemson.edu

Current Address

609 Bridgewater Dr.
Seneca SC, 29678
(864)382-0093

Permanent Address

19 Birchstone Ct.
Simpsonville SC, 29681
(864)676-0087

Education:

Bachelors of Science in Ceramics and Materials Engineering, Clemson University, Clemson SC
May 2012 Current GPA: 3.72/4.0

Employment History:

Target, Greenville, SC

Cashier and Customer Services Representative: June 2007 – January 2010

Research Experience:

Research Experience for Undergraduates, University of Minnesota, Minneapolis, MN
Researcher: June 2010 – August 2010

- Project: TEM/STEM simulations of MoS₂ nanotubes
- Presented findings at a poster symposium and in a lecture setting

Research Experience for Undergraduates, Georgia Institute of Technology, Atlanta, GA
Researcher: June 2011-July 2011

- Projects: Relating material properties to microstructural differences in dual phase steels, impact-initiated reactivity in Al and Ti + 2B powders
- Metallography of dual phase steels and swaged Al and Ti+2B samples
- SEM imaging of metallic powders

Undergraduate Research, Clemson University, Clemson, SC

- Project: Synthesizing and classifying Y3F rare earth doped nanoparticles
- XRF tests and SEM images taken

Computer Skills:

Microsoft Word, Excel, PowerPoint, SolidWorks

Professional Organizations:

Keramos, March 2010 – Present

Clemson University Ambassador for Ceramics and Materials Engineering, August 2010-Present

Published Work:

Mittal, D.-B. Zhang, C. Teresi, T. Dumitrica, and K. A. Mkhoyan. Routes to identification of intrinsic twist in helical MoS₂ nanotubes by electron diffraction and annular dark-field scanning transmission electron microscopy imaging. *Phys. Rev. B*, 84, 153401 (2011).