

Rachal Brewster
900 E. 43rd St
San Angelo Tx 76906

EDUCATION

University of Texas, Austin, Tx

M.A. in Education emphasis in Chemistry
2008-2010

A Study of Optimized Carbon-based Ultracapitors

Baylor University, Waco, Tx

B.S. Education-Science
1998-2003

Composite Science

CERTIFICATIONS

- Texas Educator's Certificate to teach Secondary Science Composite (6-12).
- Texas Educator's Certificate to teach Mathematics (4-8)
- Texas Educator's Certificate to teach Generic Special Education (4-12).

HONORS AND ACTIVITIES

- Teacher of the Year, ABC High School, 2011
- Faculty Member of the Month, ABC High School, November 2010
- Graduate Instructor, ABC University, 1995

TEACHING AND PROFESSIONAL EXPERIENCE

Lake View High School, San Angelo, Tx

Chemistry/ Science UIL

2020-Present

Chemistry, Pre-AP/Honors Chemistry, AP/DC Chemistry, Science UIL

Lorena High School, Lorena, Tx

Chemistry, Environmental Science, Physics, AP Physics, AP Chemistry, Science UIL, SSDC
2006-2020.

Designed and Implemented Technology based Science Fair

Lorena Education Grant winner- 2012, 2010, 2008

International Space Settlement Design Competition- 2015, 2016, 2018, 2019, 2020

State Presentation: 2008-2019

TSI- International Conference 2017

TCEA Conference Presentation with Neighboring teacher 2012

Standards Setting Meetings- TEA/Oak Hill- 2014, 2013, 2012

NGSS Review Committee for Texas- 2013

TEA- Pearson Desegregated High School TAKS data

AP Advocate: 2015-Present

Served on the District Safety Committee and Implemented Improved Safety Standards at High School

China Spring High School, China Spring, Tx

Chemistry Teacher

2003-2006

Developed a review course for TAKS

ACADEMIC PUBLICATIONS

- A Study of Optimized Carbon-based Ultracapacitor 2010
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