

Taihe Deng  
El Centro College  
(O) 214-860-2643;(Lab) 214-860-2186  
Email: tdeng@dcccd.edu

### **Education**

University of North Texas, Denton, TX

**Ph.D.** in Chemistry

Dissertation of Ph. D.: “Thermodynamic Properties of Nonelectrolyte Solutes in Ternary Solvent Mixtures”

University of North Texas, Denton, TX

**M.Sc.** in Chemistry

Thesis of M. Sc. “Major, Minor, and Trace Elements Analysis in Sand-Petroleum Coke Pellets for Silicon Production by ICP-AES and Thermodynamic Computation in Si-C-O System”.

Shanghai Normal University, Shanghai, China

**B.Sc.** in Biology

### **Teaching Experience**

El Centro College, Dallas, TX August 1999 – present

### **Honors and Awards**

Outstanding Researcher of Shanghai EPA, China

National Award of “The 6<sup>th</sup> five year planning key-project research” China

Outstanding student in Shanghai Normal University, China

Carl Duisberg Gesellschaft fellowship, Germany

2017 Minnie Steven Piper Professor, Texas, USA

### **Publications and Papers**

#### **Presentation:**

“Natural Science Teaching (Chemistry/Physics) with Scientific Approach: Pedagogy, Psychology, Philosophy”, *NISOD* conference, Austin, TX, May 2004.

“Tool or Trouble, the Application of Mathematics in Science Course’s Teaching”, *NISOD* conference, Austin, TX, May 2005.

“Teaching Chemistry at Community College” at Texas A & M, Commerce, 2015

“Online Science Class Teaching” in *NISOD* conference, Austin, TX, May 2015.

“Sustainability in Chemistry Class”, Brookhaven College, TX, April, 2016.

**Publication:** “General Chemistry Lab Manual”, T. Deng and J. Borvak, ISBN 978-1-59984-912-6, Bluedoor Publisher

#### **Selected Research Article for Education**

“Selection of an Analysis Wavelength: an Interesting Example Involving Solvatochromism and the Zwitterionic Dimroth-Reichardt’s Betaine ET-30 Dye”, T. Deng and W. E. Acree, Jr., *J. Chem. Education*, **76**, 1555-1556 (1999).

#### **More research articles by request**