**3533 N. Durkee St. ELIZABETH SORENSON Tel: (920) 358 -9432**

**Appleton or (920) 540-9843**

**WI 54911 Email:** **sorensoe@yahoo.com**

**OBJECTIVE** Seeking a position as a caregiver/ healthcare position

**EDUCATION** Ph.D., Chemistry University of Akron, OH (1995)

 M.Sc., Inorganic Chemistry Osmania University, India (1987)

 B.Sc., Chemistry Osmania University, India (1984)

 BSN, Nursing Rasmussen College (in progress)

**THESIS WORK** Ph.D. : “Reaction of Hydrogen Peroxide with Iron Complexes and Reduction of

 Reperfusion Injury in the presence of 2,2’:6’,2” – Terpyridine.

**COURSE WORK** Biochemistry Advanced Inorganic Chemistry

 Free Radical Chemistry Physical Organic Chemistry

 Procaryotic DNA techniques Cytology

**RELEVANT ·Biochemistry Related:**  Malondialdehyde analysis; Lipid Peroxidation and

**EXPERIENCE** Creatine Kinase Analysis. In- vitro ischemia and anoxia experiments in rat hearts.

 **· Molecular Biology:** DNA extraction/purification; Restriction endonuclease digestion

 And Gel analysis. Isolation and analysis of phage DNA; Sequencing and Southern Blots.

 **·Analytical Chemistry Related:** HPLC and GC analysis; IR and UV-Vis spectroscopy,

 Wet Chemical and Gravimetric Analysis.

**WORK HISTORY**

 **Certified Nursing Assistant 6/19 - Present**

 **Instructor, Madison College 8/15 – 12/18**

 **·**Teaching a General Chemistry course

 **Instructor, Bellin College 1/12 – 5/19**

 **·**Teaching a General Chemistry course

 **Laboratory Technician, Integrated Paper Services 1/11 – 1/13**

 . Testing paper and paperboard products using wet chemistry analysis techniques

 **Instructor, MPTC 2/08 – 8/11**

 **·**Teaching a General Chemistry course

**Instructor, Dept. Of Chemistry, UWGB 8/07 – 12/07**

 **·**Taught a General Chemistry Lab

 **Instructor, Dept. Of Chemistry, UW-Osh Kosh 8/06 -5/07**

 **·**Taught Chemistry 101, a General Chemistry course

 **Instructor, Dept. Of Biology, UW-Osh Kosh 9/04 -12/04**

 **·**Taught Biology 105 Lab

 **Instructor, Dept. Of Physical Sciences, Lorain County Community College 3/99 -5/99**

 ·Taught Chemistry 152, a Biochemistry course

 **Research Technician, Dept. of Chemistry, CSU 7/98 – 5/99**

 **·**Spectrophotometric and fluorimetric detection of biological S-Nitrosothiols

 **Instructor, Dept. Of Chemistry, East LA College 1/97-5/98**

 **·**Taught Chemistry 102, a General Chemistry course

 **Instructor, Dept. Of Physical Sciences, Pasadena City College 1/96 -8/97**

 **·**Taught Chemistry 105, an Introductory Chemistry course

 **Instructor, Dept. Of Chemistry, Glendale College 3/96 -5/96**

 **·**Taught a General Chemistry Lab course

 **Research Assistant, Dept. Of Chemistry, University Of Akron 5/89 -8/94**

 **·**Studied Reaction Mechanisms of Hydrogen Peroxide with various Ferrous complexes and the effects

 Of some of these complexes in Reducing Free Radical Peroxidation in Rat Hearts.

 **Teaching Assistant, University Of Akron 8/88-12/92**

 **·**Taught General Chemistry, Biochemistry and Advanced Chemistry Lab courses; Dept. Of Chemistry

 **·**Taught Anatomy and Physiology Lab course; Dept. Of Biology