



Dr. Sunny (Xingzhong) Yan

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1. Education:

Ph.D. in Polymer Chemistry & Physics. Sun Yat-sen University (<http://www.sysu.edu.cn/>),

Guangzhou, China. Dissertation: "Synthesis and Characterization of New Second-Order Nonlinear Optical Poled Polymer Films".

M.Sc. in Physical Chemistry. Chinese Academy of Sciences – Lanzhou Institute of Chemical Physics (<http://english.licp.cas.cn/>), Lanzhou, China. Dissertation: "Part 1: Synthesis of Polyethers with Ultrahigh Molecular Weight by Coordination Polymerization; Part 2: Investigation of Immortal Polymerization of Cycle Ethers Initialized by Metalloporphyrins".

B.Sc. in Chemistry and Chemistry Education, Hunan Normal University (<http://english.hunnu.edu.cn/>), Changsha, China. Dissertation: "Analysis of Sulfides in Turpentine oil by Gas Chromatography".

2. Teaching Experience:

East Texas A&M University, Commerce, TX. Summer 2014, CHEM 479/579: Chemistry of Renewable Energy (new course); General Chemistry Labs **CHEM1105/CHEM1111/12** (ETAMU, 2020 ~, Depends on needs from the department, usually one section/semester); Organic Chemistry Labs **CHEM1107, CHEM2123/25** (ETAMU, 2020 ~, Depends on needs from the department, usually one section/semester)

Northern Michigan University (<http://www.nmu.edu/>), Marquette, MI. Fall 2013 CHEM105: Chemistry Principles; CHEM321/322L: Organic Chemistry.

South Dakota State University (<https://www.sdbstate.edu/>), Brookings, SD. Jan 2007 – June 2013 Chem106: Chemistry Survey (online); EE 4/560: Sensors and Measurements; TP-EE-692: Microelectronic and Fabrication; EE691: Modern Optical Spectroscopy; EE791: Molecular Semiconductors.

Sen Yat-sen University, Guangzhou, China. July 1996 – May 1999 Advanced Organic Materials; NMR Techniques for Polymers.

3. Employment

2014 – Present Chemical Inventory Manager of Chemistry Department / Instrument Coordinator of College of Science & Engineering, East Texas A&M University, Commerce, TX.

8/2013 – 12/2013 Assistant Professor (term - position) with the Chemistry Department of Northern Michigan University, Marquette, MI.

2007 – 2013 Assistant Professor (non-tenure track) with Department of Electrical Engineering and Computer Science, College of Engineering, South Dakota State University, Brookings SD.

2006 – 2007 Director of Research, Technova Corporation, Lansing, MI.

2002 – 2006 Staff Scientist within both University of Michigan & Wayne State University (6 months in Dept. Polym. & Coatings, NDSU).

2001 – 2002 Senior Scientist, New Span Opto-Technology Inc. Miami, FL.

1999 – 2001 Manager of City University of New York (CUNY) Pulsed-EPR System

1996– 1999 Associate Professor & Director of NMR Lab Sun Yat-Sen University, Guangzhou.

1994 – 1996 Chinese Governmental Awarded Postdoctoral Research, State Key Lab of Ultrafast Spectroscopy, Sun Yat-Sen University, Guangzhou.

4. PUBLICATIONS (Authored or co-authored ~100 scientific articles in materials science and engineering, applied physics, nanotechnology, and solar cells. See more information in publications on https://www.researchgate.net/profile/Xingzhong_Yan, and http://scholar.google.com/citations?sortby=pubdate&hl=en&user=GJv16YAAAAAJ&view_o_p=list_works (HI > 21).