

ZOHREH HASHAMI

Zohreh@dcccd.edu

EDUCATION

PhD. in Chemistry/Physical Chemistry

University of Texas at Dallas /UT Southwestern Medical Research Center

M.S. in Physics

University of Texas at Dallas

B.S. in Physics

Azad University of Mashhad, Iran

TEACHING EXPERIENCE

- **Lecturer I**
University of Texas at Dallas Jan2018-present
Organic chemistry lab I&II
- **Adjunct faculty**
Brookhaven Community College, Farmers Branch, TX 2012 – Present
University physics I& II, physical chemistry, College physics I&II and astronomy
- **Adjunct faculty**
Collin College, Plano, TX
University physics II, College physics II Jan2018-Present
- **Adjunct faculty**
Richland Community College, Dallas, TX 2014-2015
College physics I&II
- **Teaching Assistant**
University of Texas at Dallas 2010-2011&2013-2017
University physics I&II, statistical physics and General chemistry I&II

M.S. LAB EXPERINCE

Advance Imaging Research Center (AIRC), UT Southwestern Medical Research Center & Chemistry Department, University of Texas at Dallas: 2013 – 2018

- Design and develop bimodal, MR/optical imaging agents, dynamic nuclear polarization (DNP), data analysis: ACD (Advanced Chemistry Development) and Igor. (Image processing).

Physics Department, University of Texas at Dallas:

- Synthesized , analyzed and characterized carbon nanotubes *2009-2010*
- Chemical vapor deposition

AWARDS

Recognition of Service from university of Texas at Dallas
Honor Society, Strength and Honor member

Dec2016
June2013- Present

PUBLICATION

1) **Zohreh Hashami**, Andre F. Martins, Alexander M. Funk, Veronica Clavijo Jordan, Svetlana V. Eliseeva, and Zoltan Kovacs, Lanthanide DO3A-tropolone complexes: efficient bimodal MR/NIR imaging probes in water, *Eur. J. Inorg. Chem.* **2017**, 4963.

2) Lloyd Lumata, Matthew Merritt, **Zohreh Hashami**, S. James Ratnakar, and Zoltan Kovacs, Production and NMR Characterization of Hyperpolarized $^{107,109}\text{Ag}$ Complexes, *Angew. Chem. Int. Ed.* **2011**, 525–527.