

IDENTIFICATION:

Name: Nooshin Mirza Nasiri
Address: Room 347, Chemistry Building, University of North Texas, Denton
E-mail: N.N@unt.edu

EDUCATION:

- ❖ 2015-Current, **Ph.D.** Student, Chemistry, University of North Texas, TX
Supervisors: Prof. Mohammad Omary
- ❖ 2010-2012, **M.Sc.** Analytical Chemistry, University of Tehran, Tehran, Iran
Thesis title: Design & construction of an Electrochemiluminescence sensor modified by nanomaterial for determination of hydroquinone based drugs
Supervisors: Prof. Mohammad Reza Ganjali and Prof. Parviz Norouzi
- ❖ 2006-2010, **B.Sc.** Pure Chemistry, Kashan University, Isfahan, Iran
Thesis title: Synthesis and application of nanoparticles
Supervisor: Prof. Masoud salavati Niasari

ACADEMIC HONORS:

- ❖ **Porter-Evans Scholarship:** 2018-2019 UNT Scholarship
- ❖ Selected for recognition on **University Honors Day**, University Of North Texas, 2018.
- ❖ **GSOAR Scholarship:** 2017 Graduate Summer Opportunity to Advance Research (GSOAR) Program at the National Institutes of Health (NIH)
- ❖ Waiver of **Iran National Entrance Exam** for PhD study, 2013.
- ❖ Ranked **5th** in the first stage of the **National University Olympiad in chemistry** (among nearly 500 junior and senior level undergraduate students of chemistry from all over Iran), 2010.
- ❖ Ranked **86th** in **National Chemistry Graduate Entrance Exam for M.Sc. Program** (among more than 15,000 chemistry participants from all over Iran), 2010.
- ❖ First place award in the **undergraduate student's congress competition** organized by Kashan University.

TEACHING EXPERIENCE:

- ❖ 2015-2017, Teacher Assistant, Department of Chemistry, University of North Texas, TX
- ❖ 2010-2012, Teacher Assistant, Department of Chemistry, School of Chemistry, College of Science, University of Tehran.
- ❖ 2009- 2010, Teaching Chemistry, SAMPAD high school, Kashan, Isfahan.

WORK EXPERIENCE:

- ❖ 2015-current, **PhD Student**, Department of Chemistry, University of North Texas, TX
- ❖ 2014-2015, **R&D Chemist**, OHM Pharma Inc., Mineral Wells, TX
- ❖ 2010-2014, **Research Assistant**, Center of Excellence in Electrochemistry, University of Tehran, Iran
- ❖ 2008-2010, **Research Assistant**, Institute of Nanoscience and Nanotechnology, University of Kashan, Iran
- ❖ 2007-2008, **Internship**, Natural Essential Oil Research Institute, University of Kashan, Iran

TECHNICAL EXPERIENCE:

- ❖ Synthesis nanomaterials
- ❖ Microbial limit tests
- ❖ Cell Culture
- ❖ Electrochemiluminescence
- ❖ Spectroscopy: FTIR/IR, Raman, UV-Vis, Fluorescence
- ❖ Electrochemical Instruments
- ❖ Chromatography Methods
- ❖ Microscopes and Imaging Systems: Confocal and Inverted Microscope, SEM Microscope
- ❖ Flow cytometer
- ❖ PCR systems
- ❖ Particle size Analyzers: DLS, Zeta Potential
- ❖ Syntonic Microwave

SCIENTIFIC INTERESTS:

- ❖ Research and design in pharmaceutical/chemical industry, drug delivery, cancer biomarkers
- ❖ Synthesis of nanomaterials
- ❖ Electrochemical analysis methods
- ❖ Spectrofluorometry and spectrophotometry

INTERNATIONAL SEMINAR:

- ❖ Presenting in Cancer Prevention Research Institute of Texas (CPRIT), 2017.
- ❖ Presenting in NIH Summer Opportunity to Advance Research Poster session, 2017.
- ❖ Presenting in 4th International Congress on Nanoscience and Nanotechnology, (8- 10 September 2012, University of Kashan, Iran)

PROFESSIONAL SOCIETIES MEMBERSHIP:

- ❖ Member of American Chemical Society (ACS)
- ❖ Member of American Association for Cancer Research (AACR)

INTERNATIONAL PUBLICATIONS (ISI PAPERS):

- ❖ M. Salavati-Niasari, A. Sobhani, S. Khoshrooz, **N. Mirzanasiri**, Preparation and Characterization of PbS Nanoparticles via Cyclic Microwave Radiation Using Precursor of lead (II) Oxalate, Journal

of Cluster in Journal of Materials Science, 2013

- ❖ Morteza Hosseini, **Nooshin Mirzanasiri**, Morteza Rezapour, Mohammad Hasan Sheikhha, Farnoush Faridbod, Parviz Norouzi and Mohammad Reza Ganjali, Sensitive determination of carbidopa through the electrochemiluminescence of luminol at graphene-modified electrodes, Journal of Biological and Chemical Luminescence, 2014
- ❖ L. Mirmoghtadaie, N. Shamaeizadeh, **N. Mirzanasiri**, Folic acid determination using electrochemical sensors, International Journal of Preventive Medicine, 2015

REFERENCES:

References are available upon request.