

## MOJDEH RAEISI

### Address

Work: Southern Methodist University  
 Department of Chemistry  
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### Education

**2016-** Southern Methodist University, Dallas, TX, USA, Department of Chemistry  
 Ph.D., Chemistry, May 2021 (expected)  
 Advisor: Nicolay V. Tsarevsky

**2014-2016** Southern Illinois University Edwardsville, Edwardsville, IL, USA, Department of Chemistry  
 M.S., Chemistry May 2016  
*Thesis:* "Preparation of Amino Epoxyisindolines via Chemoselective Reduction"  
 Advisor: Sarah B. Luesse

### Professional Experience

**2018-** Graduate Research Assistant Department of Chemistry, Southern Methodist University (SMU), Dallas, TX

**2016-2018** Graduate Teaching Assistant Department of Chemistry, Southern Methodist University (SMU), Dallas, TX

**2014-2016** Graduate Teaching Assistant Department of Chemistry, Southern Illinois University Edwardsville (SIUE), Edwardsville, IL

**2013** Summer Internship in the Chemistry and Chemical Engineering Research Laboratory, Jahad Daneshgahi division, University of Tehran. Title of project: "Preparation of environmentally friendly alkyl polyglucoside surfactants" Tehran, Iran

**2009** Summer internship in the Water and Soil Laboratory, Mahab International Consulting Engineering Company, Tehran, Iran

### Research Interests and Areas of Expertise

1. Nanostructured materials for biomedical applications
2. Design and discovery of biologically active compounds
3. Multicomponent reactions

### Membership in Professional Societies

- American Chemical Society (ACS)

### Awards and Honors

**2018** Graduate Teaching Award, Southern Methodist University

**2015** Research Grant for Graduate Students (RGGS) award, Southern Illinois University Edwardsville

### Courses Taught

1. *General Chemistry laboratory I*, (CHEM 1113): Fall **2016-2018**
2. *General Chemistry laboratory II*, (CHEM 1114): Spring **2017-2018**
3. *General Chemistry laboratory*, (CHEM 125A): Fall **2014**, Fall **2015**
4. *Organic Chemistry laboratory*, (CHEM 245): Summer **2015**, Spring **2015**

### List of Publications and Presentations

1. Rajabi, F.; Raessi, M.; Arancon, R. A. D.; Saidi, M. R.; Luque, R., "Supported Cobalt Oxide Nanoparticles as Efficient Catalyst in Esterification and Amidation Reactions", *Catal. Commun.* **2015**, 59, 122-126 (dx.doi.org/10.1016/j.catcom.2014.09.044)
2. April 2019, 52<sup>th</sup> Annual Meeting-in-Miniature "Lipoate-based Biodegradable Polymer Networks for Drug Delivery", Mojdeh Raeisi, Nicolay V. Tsarevsky, Oral presentation

3. Aug 2017, 254<sup>th</sup> National ACS Meeting, Washington DC “Preparation of New Polymers Based on Poly(Alkyl/Arylphosphazenes)”, Mojdeh Raeisi, Patty Wisian-Neilson, Poster presentation
4. March 2016, 251<sup>th</sup> National ACS Meeting, San Diego, California “Preparation Of Amino Epoxyisoindoline via Chemoselective Reduction”, Mojdeh Raeisi, Sarah B. Luesse, Poster presentation