

GULNARA YUSIBOVA

Institute of Physics, Materials Science and Technology, University of Tartu, Tartu, Estonia
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EDUCATION

MSc in Materials Science and Technology

September 2019 - ongoing

University of Tartu, Tartu, Estonia

BSc in Chemistry Education

September 2013 - June 2018

Baku Engineering University, Baku, Azerbaijan

Secondary School Education

September 2010 - May 2013

Chemistry Biology Lyceum, Baku, Azerbaijan

WORK EXPERIENCE

Laboratory Researcher in Electrochemistry

January 2020 - ongoing

Institute of Chemistry, University of Tartu, Tartu, Estonia

- Understanding the effects of Acid Treatment on electrocatalytic properties of TAL2-derived MOF (Metal-Organic Framework) materials

Laboratory Assistant

September 2017 - June 2018

Institute of Petrochemical Processes named by Y.H.Mammadaliyev National Academy of Sciences of Azerbaijan, Baku, pr.Khojaly, 30.

- Synthesis of methacrylic acid esters catalyzed by ionic liquid
- Short time one-spot synthesis of 2,4,5-trisubstituted-imidazoles using morpholinium hydrogen sulfate as green and reusable catalysts

Laboratory Assistant

September 2017 - June 2018

Baku Engineering University, Baku, Azerbaijan

- Catalytic performance of iodine-containing ammonium ionic liquids for the synthesis of 1-benzyl-2,4,5-triphenyl-1H-imidazole
- Activation of primary amine-sp³-s C α -H by diethyl ammonium hydrogen sulfate (DEAHSO₄) in the tetrasubstituted imidazole synthesis

- Worked in “Student Science Society” as a curator of Chemistry Education at Baku Engineering University.
- Worked in the “Green Chemists” club as a deputy manager at Baku Engineering University
- A 3 month internship at ABC - Azerbaijan British College

RESEARCH INTERESTS

Inorganic Chemistry, Drug Chemistry, ,Electrochemistry, Nanotechnology, Biochemistry, Research-based writing methods

SKILLS

Programs: Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Google Docs, Adobe Photoshop, ChemDraw, Nova 2.1

Languages: Azerbaijani (native), English (professional proficiency), Turkish (professional proficiency), Russian (elementary).

ACHIEVEMENTS

- Awarded for successfully completing a 660 hour Intensive English Language Program in academic year 2013-2014 at Baku Engineering University
- Awarded for participated in the 1st SCIENCE FAIR organised in Baku Talents Education Complex (Jan 29, 2016)
- Awarded for participated in the Winter Science Fair organised by Student Science Society
- Diploma of awarding for my active participation in “I Azerbaijani Science Festival” (November 10-11, 2014)
- Awarded for participated in the Teacher Training Program by Landau School (February-May 2018)

- Awarded for participated in the English Training Program by Landau School (April-June 2018)

*Certificates exist for each

EXTRACURRICULAR ACTIVITIES

Organized Chemistry Teaching Forum in Baku, Azerbaijan on April 2016

Translated General Chemistry book into native language with "Chemists" group in Baku, Azerbaijan on May 2016