



Anastasiia SHVETSOVA

31.12.1993, Astrakhan, Russian Federation

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Employment History

September 2020 – September 2023

PhD student

Claude Bernard University Lyon 1 (*France*)

- work on the project “Hydrothermal Polymerization and Prebiotic Phosphorylation of Probiotic Precursors” in collaboration between the Laboratory of Geology of Lyon and the organic chemistry team CO2Glyco at the ICBMS;
- performing organic synthesis, control of the process;
- analysing results of reaction by nuclear magnetic resonance spectroscopy and mass spectrometry;
- participation in scientific seminars;
- preparation of materials for publication.

September 2019 – August 2020

Fille au Pair

Helmsange (Luxembourg)

- taking care of 3 children (4, 6 and 8 years old);
- teaching English to children;
- followed French classes to improve my level.

October 2018 – August 2019

Technology teacher

Secondary school № 39, *Astrakhan (Russia)*

- organization of the educational process;
- development of a lesson system;
- learning manual processing of various materials, training in wood, metals and electricity;
- ensuring the most complete and rational use of the teaching and material base of school workshops.

June 2014 – October 2018

Chemical science technician

Astrakhan State Technical University, *Astrakhan (Russia)*

- carrying out electrochemical synthesis;
- analysis of characteristics of the AC-2 apparatus, PI-50 potentiostat, IPC-Pro potentiostat, PR-8 and IBM programmers, SF-103 spectrophotometer;
- definitions of oil product quality indicators;
- determination of water, chloride, sulfur and mechanical impurities in commercial oil;
- determination of the density and viscosity of commercial oil;
- conducting tests to control the technological regime.

Conferences & Seminar Participation

4-9 July 2021: **Goldschmidt 2021** (by the European Association of Geochemistry and the Geochemical Society), oral presentation

27 Sept - 1 Oct 2021 : **Fête du thème « Terre et Planètes »** (by ENS Lyon) : oral presentation

11-14 October 2021, Marseille, France

Conférence Nationale d'Exobiologie (by Société Française d'Exobiologie at Université Aix-Marseille) : invited short talk

Education

September 2020 – September 2023

PhD in doctoral school of physics and astrophysics

Claude Bernard University Lyon 1 (*France*)

September 2020 – December 2021

Online workshop and seminar series “Prebiotic Chemistry and Early Earth Environments (PCE3)”

NASA Astrobiology Program

December 2018 – March 2019

The course of professional retraining Technology teacher

OOO “Infourok”, *Smolensk (Russia)*

September 2016 – December 2016

Online course “General geology. Planet Earth: formation, structure, evolution”

Moscow State University, Moscow (*Russia*)

September 2016 – July 2018

Master degree in engineering (Chemical engineering of fuel and gas)

Astrakhan State Technical University, *Astrakhan (Russia)*

February 2017 – July 2017

Exchange program - Study Period in Poland

University of Łódź, *Łódź (Poland)*

- Basic Polish;
 - Organic chemistry, Electroanalysis - fundamentals and applications, Selected Separation Techniques for Analysis of Cosmetics;
 - Global business challenges.
- Classes were dispensed in English

September 2011– July 2015

Bachelor degree in chemical engineering (Chemical engineering for primary energy and carbon materials)

Astrakhan State Technical University, *Astrakhan (Russia)*

September 2012 – May 2015

Diploma - Art school

Art School №1, Astrakhan (*Russia*)

Painting, Graphics, Basics of Portrait Drawing

Publications

- Patent for invention No. 2614151 “Electrochemical method for the preparation of organic polysulfanes” 2017

Languages

English: Proficient (C1)

French: Intermediate (B1)

Hobbies & Interests

Painting, yoga, foreign languages