

OLGA V. SAVINA

Department of Chemistry

East Texas A&M University

Email address: Olga.Savina@etamu.edu

Education

- Irkutsk State University-Irkutsk, Russia 1989

Master of Science in Chemistry, Analytical Chemistry emphasis (GPA: 3.76)

Master's Thesis: Developing Express Methodology to Determine the Level of Crystallinity of High-Porous Zeolites with the Help of Infrared Spectroscopy

- East Texas A&M University

Graduate Certificate in Teaching English SOL (GPA: 4.00)

2024

Teaching Experience**Adjunct Faculty – Chemistry (01/2014 – Present)**

Department of Chemistry

East Texas A&M University

Teaching Courses:

- Chem 1305 and 1105 - Survey of General Chemistry - Lecture and Laboratory Courses
- Chem 101 and 102 - General Chemistry Tutorials I and II
- Chem 1412 - US General/Quantitative Chemistry Laboratory II Course
- Chem 1111 - General Chemistry Laboratory I Course
- Chem 1112 – General Chemistry Laboratory II Course
- Chem 1107 – Survey of Organic and Biochemistry Laboratory Course
- O Chem 2123 and 2125 - Organic Chemistry Laboratory I and II Courses

Adjunct Faculty – Chemistry (08/2018 – 12/2020 and 01/2024 – present)

Dallas College (Cedar Valley Campus, Mountain View Campus, and Richland Campus)

Teaching Courses:

- Chem 1411 – General Chemistry I - Hybrid Course (Lecture and Laboratory Course)
- Chem 1405 - Introductory Chemistry I - Lecture and Laboratory Courses
- Chem 1406 – Introductory Chemistry I - Lecture and Laboratory Courses (Internet Based Course)
- Chem 1407 – Introductory Chemistry II (Internet Based Course)
- Chem 1411 – General Chemistry I Laboratory Course
- Chem 1412 – General Chemistry II Laboratory Course
- Chem 2423 – Organic Chemistry I Laboratory Course

Visiting Instructor in Chemistry (04/2018 – 08/2018)

Carrington College – Mesquite, TX

Teaching Courses:

- CHE 110 – Chemistry for Health Care Professionals – Lecture Course
-

Work Experience

Head of Quality Department (09/2005 – 10/2010)

ZAO Firn M, LLC (Moscow, Russia)

- Head of the Quality Department, including microbiological and chemical laboratories
- Headed the chemical laboratory
- Participated in the development of new drugs/medicines: analyzed the quality, checked stability control, developed analytical procedures, and managed the process of the validation of analytical procedures
- Worked as a chemist conducting analysis of the product and raw materials using methods of wet chemistry, TLC, and UV/VIS spectroscopy.
- Skilled in microbiological laboratory testing antiviral activity of immune-biological drugs/products on the basis of alpha-2 type interferon

Senior Chemical Engineer (07/2001 – 09/2005)

Track Membrane Production, ZAO Reatrek, LLC (Obninsk, Russia)

- Optimized chemical-engineering processes
- Conducted laboratory research
- Managed a staff of 20 workers

Chemical Engineer (11/1998 – 07/2001)

Ecological Laboratory, Karpov Institute of Physical Chemistry (NIFHI) (Obninsk, Russia)

- Chemically tested drinking and industrial waste water using UV, VIS, IR Spectroscopy and wet chemistry methods
- Tested air at the work place
- Implemented new procedures of chemical testing

Research and Patents

Patent: Method of Determining a Degree of Crystallinity of Zeolites

Ratovsky G.V., Latisheva L.E., Chenets V.V., **Kornilova O.V.**, Dmitrieva T.V., *Base of USSR Patents, USSR, September 15, 1992*

Skills Summary

More than ten years of experience in higher education: lecturing, tutoring general chemistry courses, and instructing general chemistry, organic, and biochemistry labs.

Fifteen years of experience in various areas of the field of chemistry, such as pharmaceutical manufacturing, environment, and chemical production. Extensive skills in laboratory analysis; co-author of a patent; enthusiastic, detail-oriented, engaged, diligent, and a team player.
