

OLGA V. SAVINA

Department of Chemistry

Texas A&M University-Commerce

Commerce, TX 75428

Email address: Olga.Savina@tamuc.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

Teaching Experience

Adjunct Faculty – Chemistry (01/13/2014 – Present)

Department of Chemistry

Texas A&M University – Commerce, TX

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 1107 – Survey of Organic and Biochemistry Laboratory Course
- Chem 2123 and 2125 - Organic Chemistry Laboratory I and II Courses

Adjunct Faculty – Chemistry (08/28/2018 – Present)

Dallas County Community College District - Cedar Valley College – Lancaster, TX

Teaching Courses:

- Chem 1405 - Introductory Chemistry I - Lecture and Laboratory Courses
- Chem 1406 – Introductory Chemistry I - Lecture and Laboratory Courses
- 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 (04/25/2018 – 08/08/2018)

Carrington College – Mesquite, TX

Teaching Courses:

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

Work Experience

Head of Quality Department (September 2005 - October 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 (July 2001 – September 2005)

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

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

Chemical Engineer (November (1998 – July 2001)

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

- Chemically tested 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*
