

## Curriculum Vita

### Olga V. Savina

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## Education

Irkutsk State University-Irkutsk, Russia (1984 –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.

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## Teaching Experience

**Adjunct Faculty – Chemistry (01/13/2014 – Present)**  
Department of Chemistry  
Texas A&M University – Commerce, Commerce, TX

### Teaching:

- Chem 101 - General Chemistry Tutorial I
  - Chem 102 - General Chemistry Tutorial II
  - Chem 1411.L - US General/Quantitative Chemistry Lab I
  - Chem 1412.L - US General/Quantitative Chemistry Labs II
  - Chem 1111.L - General Chemistry Laboratory
  - Chem 1105 - Survey of General Chemistry Laboratory
  - O Chem 2123 - Organic Chemistry Laboratory I
  - O Chem 2125 - Organic Chemistry Laboratory II
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## Work Experience

**Head of Quality Department** (September 2005 - October 2010)

ZAO Firm M, LLC. (Moscow, Russia)

- Head of the Quality Department, including microbiological and chemical laboratories; administered a control group study
- 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 (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

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### **Research and Patents**

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**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*

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### **Skills Summary**

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Fifteen years of experience in various areas of the field of chemistry; extensive skills in laboratory analysis; managed and supervised laboratory staff at an international research facility; trained laboratory personnel to conduct various chemical tests; co-author of a patent; detail oriented, engaged, and a team player. Teaching experience: tutoring undergraduate general chemistry courses and teaching general and organic chemistry labs.

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