

Gholam H. Pahlavan, Ph.D.

Curriculum Vitae

Name: Dr. Gholam H. Pahlavan

Work Address: Chemistry Adjunct Faculty Lone Star College - Cy-Fair and Houston
Community College System (Retired Chemistry Faculty)

Telephone Number: Cell : (713) 498-6439, Home: (281) 835-9752

College Email Address: gholam.H.pahlavan@lonestar.edu gholam.pahlavan@hccs.edu

Homepage: <http://swc2.hccs.edu/pahlavan/>

Learning Web: <http://learning.hccs.edu/faculty/gholam.pahlavan>

Education

- Ph.D. Chemical Toxicology, Texas Southern university, Houston, Texas 2000
- M.S. Inorganic Chemistry, University of Houston, Houston , Texas 1982
- M.S. Analytical Chemistry, Texas Southern University, Houston, Texas 1977
- B.S. Chemistry/Organic research , Teacher's Training College, Tehran, Iran 1972

Teaching Experience

Chemistry professor 2016-present, **Lone Star College-Cy Fair**

Courses: **General Chemistry I & II**

Chemistry professor 2016-present, **Houston Community College System**

Courses: **General Chemistry I and Developmental Math**

Chemistry professor Spring 2019-present, **San Jacinto College South** and
Wharton County Community College : Courses: **General Chemistry I**

Department Chair of Mathematics and Sciences (Chemistry, Physics, Biology, Engineering, Astronomy, Geology, and Mathematics), 2013 – 2016, Community College at Qatar branch of Houston Community College System in Doha/Qatar.

Science laboratory coordinator and advisor at Michael E. DeBakey High School Qatar/Doha 2015-2016.

Department Chair of Physical Sciences (Chemistry, Physics, Engineering, Astronomy, and Geology), 1997 – 2013, Houston Community College System.

Courses Taught: General Chemistry, introductory Chemistry, and Organic Chemistry (lectures and labs), Environmental Science, Mathematics, Engineering, and Physics.

- **Chemistry professor** 1992 – 2013, Houston Community College System
Courses: General Chemistry, introductory Chemistry, and Organic Chemistry (lectures and labs),
- **Chemistry professor** 2011 – 2012, **Alvin Community College System**, Alvin, Texas.
Courses: General Chemistry, introductory Chemistry.
- **Chemistry professor** 2010 – 2012, and Fall 2016 **Lone Star Community College System (CyFair and North Harris)**, Houston, Texas.
Courses: General Chemistry, Organic Chemistry
- **Chemistry assistant professor** 1977 – 1982 University of Houston
Teaching Assistant- **Chemistry laboratory instructor.**
Courses: General Chemistry Labs
- **Chemistry assistant professor** 1976 -1990 Texas Southern University
Courses: General, introductory, Analytical, and Organic Chemistry (lectures and labs)

Professional and Work-related Experience and Skills

- Houston Independent School District, **Science Department chair, Chemistry/Physics Instructor**, Jack Yates Sr. High School , Houston Texas 1980 – 1991.
- Environmental Protection Agency (**EPA, Region 6**), **Intern Research Chemist**, Houston Texas 1999-2001.

Professional Achievements

- **Exxon Excellent Teaching Award**, H.I.S.D., Houston, 1988.
- **Academic Dean's Excellent Certificate**, best student evaluation Award, SEOI, Houston Community college System, 2003-2010.
- **Academic Excellence Chancellor's Award**, Houston Community College System, 2002.
- **Research Grant Award Winner**, \$200,000, for HCCS , SW College for instrumental laboratory.

Publications and Presentation

- **General Chemistry Laboratory Manual for CHEM 1411/1412**, Houston community Southwest College, Houston Texas 2007-present. (published by Blue-door publishing company)
- **Introductory Chemistry Laboratory Manual for CHEM 1105**, Houston community Southwest College, Houston Texas (in progress). Currently published online free for students to use.
- **Organic Chemistry Laboratory Manual for CHEM 2425/2426 (online)**, Houston community Southwest College, Houston Texas. (in progress). Currently published online free for students to use.
- **General Biology Laboratory Manual for BIOL 1106**, Community College of Qatar/HCCS, Doha Qatar, 2012-present.
- **College Physics Laboratory Manual for PHYS 1101**, Community College of Qatar/HCCS, Doha Qatar, 2012-present.
- Liquid-Liquid Solvent Extraction of Zinc, Zn, using Alanine 304 in water samples using flame test analyzer, AA, *Microchemica Acta*, 2, 26-30, 1979.
- Liquid-Liquid Extraction of Lead, Pb, using Alanine 304 in water samples using flame test analyzer, AA, *Microchemica Acta*, 3, 63-69 1980.
- Liquid-Liquid Extraction of Cadmium, Cd, using Alanine 304 in water samples using flame test analyzer, AA, *Microchemica Acta*, 4, 71-77, 1978.
- Liquid-Liquid Extraction of Mercury, Hg, using Alanine 304 in water samples using flame test analyzer, AA, *Microchemica Acta*, 2, 77-82, 1979.
- Rapid, Sensitive, and Direct Analysis of Ultra-Trace quantities of Mercury in Water Samples using Direct Mercury Analyzer, DMA -80.
- "Fifty most toxic elements", Environmental Protection Agency, Houston August, 2000.
- "Toxicity of metals in water samples." A presentation for Graduate seminar course, Texas Southern University, Houston, March, 1999.
- "Teaching Science in High School" Workshop. H.I.S.D., Houston, August, 1992.