

Haron, Jay A.

**JAY A. HARON, Ph.D.**  
2885 Echo Valley Road,  
Jamul, CA 91935  
(619) 669-1577 home  
(619) 922-2661 mobile  
jay.haron@gmail.com  
<http://www.forth-downs.com>

High School Chemistry or Biology teaching position, with opportunity to coach soccer, desired. I have twenty years of experience in Biotechnology, Pharmaceutical, and Scientific software industries. Teaching experience includes teaching Anatomy & Physiology and Medical Terminology for future nurses as an adjunct faculty member at Southwestern College. Developed online Anatomy and Physiology and Pathophysiology courses to be offered in the Spring semester, 2007. PhD in Cell Biology from Baylor College of Medicine and a BA in Zoology from Rutgers NCAS. Nine years experience coaching and refereeing soccer between ages 6-18.

**Versatile** - Very comfortable working with students in K-12 and college. Substitute teacher in Grossmont - Union, La Mesa Spring Valley, and Jamul Dulzura School Districts. Wealth of experience in industry, government and in technical fields. Have modified a medical device factory to produce vaccines for clinical trials.

**Mentoring and Teaching** - Completed three semester of teaching at Southwestern College. Very positive ratings by students and faculty. Completed online pedagogy with Blackboard course. Mentored many technicians and junior scientists during my tenure at Johnson & Johnson and Apovia. References on request

**Excellent Communicator** - Given seven product-related lectures at scientific conferences (list on request). Written two grants to the National Institutes of Health (available upon request). Coauthor on twelve research manuscripts, two patents, three business plans, and three book chapters.

**Computer Skills** - Have built several web sites using Dreamweaver, Fireworks, XHTML and CSS. Competent in Windows XP, MacIntosh OS X and SuSE LINUX. Have taken three online classes taught using eCollege software. Currently developing two courses using Blackboard. Designed and built (with my son, Nathaniel) two 64-bit computers: one with an AMD cpu; one with an Intel cpu. Learned Fortran 4 in 1975.

#### **Teaching Experience**

Anatomy & Physiology - Southwestern College - Spring, 2006; Fall 2006  
Medical Terminology - Southwestern College - Spring, 2006; Spring 2007  
Substitute Teacher, Grossmont UHSD and La Mesa, Spring Valley SD, 2007

**CSET Results**

General Science I (118)	Passed	3/17/07
General Science II (119)	Passed	3/17/07
Biology/Life Sciences (120)	Passed	3/17/07
Chemistry III (121)	Passed	7/21/07
Chemistry IV (125)	Passed	7/21/07

**Education**

CA Teaching Credential, National University, In Progress  
President's List (for 4.0 average) Southwestern College, 2005  
Doctor of Philosophy in Cell Biology, Baylor College of Medicine, 1981  
Bachelor of Arts in Zoology, Rutgers University, 1976 *cum laude*

**Community Leadership, Service and Interests**

Elected to Jamul, Dulzura Community Planning Group, 1991- present  
Coach and Referee, AYSO Soccer 1997 - present

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 11 pt

Formatted: Font: 11 pt

**Professional Experience**

2006 - 2007 Substitute Teacher (30-Day Emergency Credential) Grossmont Union HSD; La Mesa, Spring Valley SD; Jamul Dulzura SD.

2005 - 2007 Adjunct Faculty, Southwestern College, Chula Vista  
Courses taught: Anatomy and Physiology; Medical Terminology  
Online courses developed: Pathophysiology and Anatomy and Physiology

1998 - 2004 Group Leader, Apovia, San Diego, CA and Munich, DE  
Privately held vaccine company with malaria vaccine candidate in preclinical development. Formerly known as Immune Complex Corp. Declared financially insolvent by German Government, July 2004.

- Designed and outfitted Pilot Plant for vaccine manufacture
- Led team to develop a vaccine to prevent middle-ear infections

1996 - 1998 Application Scientist, Molecular Informatics, Inc. Santa Fe, NM  
Bioinformatics software company specializing in relational genomic databases.

1995 - 1996 Product Manager, Knight-Ridder Information, Mountain View, CA  
Providers of DIALOG and DATASTAR databases for the scientific, engineering, business, and legal industries.

1983 - 1994 Principal Scientist, Johnson & Johnson Biotech Center San Diego,  
A division of Johnson & Johnson committed to immunotherapeutic development

1981 - 1983 Research Fellow, Roche Institute of Molecular Biology, A Division  
of Hoffmann - LaRoche, Nutley, NJ.