

# ALBERT CRUM, M.D.<sup>1</sup>

July 19, 2007

64 East Market Street (Home Office and Mailing Address)  
Rhinebeck, New York 12572 Birth Date: 11/17/1931  
Tel:845-876-3222/3888 Fax: 845-876-8170

## CURRICULUM VITAE

### Educational Background:

B.S., University of Redlands (Calif.) 1953.

*Honors:* Phi Beta Kappa, Delta Alpha Honor Society,  
Kappa Alpha Psi National Fraternity Honoree:  
“Outstanding Achievement Award in Scholarship  
and Leadership for the Western Province 1953 .”

M.D., Harvard Medical School, 1957.

*Honors:* Tutorial Society (admittance limited to 15% of upper half of each class).  
Awarded the Harvard Medical Student Research Fellowship.

M.S., New York University, 1987, Neuroanatomy/Neurosciences

*Honors:* Master's Degree completed with all A's Grade Point Average.

Completed 1958 Internship: Columbia University 1st Division--Bellevue Hospital, New York City.

Completed 1963 Psychiatric Residency: Columbia University College of Physicians & Surgeons, Psychiatric Institute of Columbia-Presbyterian Medical Center, New York City.

### National Academic Honors:

Phi Beta Kappa.  
Sigma Xi, Life Full Member, The Scientific Research Society.

### Specialty Certifications:

Diplomate, American Board of Forensic Medicine.  
Diplomate, American Board of Forensic Examiners.  
Life Member and Life Fellow, American College of Forensic Examiners.  
Fellow, Royal College of Physicians and Surgeons with Certification in Psychiatry.  
Life Certified Diplomate in Psychotherapy, American Psychotherapy Association.

### Previous Faculty Appointments:

1987-2002 Clinical Professor of Management Sciences and previously Clinical Professor of Behavioral Sciences, New York University. Departments were combined.

---

<sup>1</sup> Albert Crum, (M.D., D.Sc., M.S., D.N.B., L.M.C.C., F.R.C.P., D.A.B.F.E., D.A.B.F.M., F.A.C.F.E.). See Page 4 for explanation of abbreviations.

July 19, 2007

**Present Positions:**

2000- Present

President, The ProImmune Company, L.L.C., a company using Dr. Crum's Patent I (US 6,592,908B1) and Patent II (US 6,667,063B2) to create immune-enhanced dietary supplements (Immune Formulation 100™ or Immune Formulation 200™) to increase the intracellular synthesis of Glutathione.

President, StressWatchers, Inc., a Self Help Franchise (in development) for Stress Management: Features Lectures, Workshops, Published Materials, plus Interactive CD-ROMs.

Physician/Research Scientist/Psychiatrist/Forensic Expert: Providing Traumatic Stress Assessment, Court Testimony, Psychiatric Consultations, and Independent Medical/Forensic Evaluations.

*Distinguished Expert*, National Forensic Center.

**Miscellaneous Distinctions:**

Official Representative of the Harvard Medical School to the 350th Anniversary of Harvard University.

Harvard Medical School. HMS '57 Class Agent. HMS '57 set historic records for highest percentage and consistency of Class Giving participation. Author of *Handbook for Harvard Medical School Class Agents*, © 1985 Harvard Medical School.

Distinguished Lecturer, New York University College of Dentistry, Honor Society/Omicron Kappa Upsilon.

Citizen of the Year Award for Achievements in Medicine and Human Understanding, at Brooklyn Academy of Music, from the Brooklyn Philharmonic.

Outstanding Young Man of the Year Award by Brooklyn Junior Chamber of Commerce.  
Honorary Doctor of Science Degree (D.Sc. [Hon.]), University of Redlands (Calif.). Cited "In recognition of conspicuous achievement in Psychiatry and Human Services," 1974.

Recipient, Pope John XXIII Gold Medallion, 1974.

The Bicentennial Award, National Jogging Association (for 1,776 miles jogged), 1976.

University of Redlands (Calif) created the Annual Albert Crum Phi Beta Kappa Essay Award, as the alumnus/ae most representative of the ideals of Phi Beta Kappa.

Jubilee Medallion Award Recipient, University of Redlands (Calif.). "Awarded to the most outstanding Faculty and Students in the 75-year history of the University," 1983.

Mensa, previously transcultural director.

Academic Honors: Phi Beta Kappa; Delta Alpha Honor Society; Sigma Xi, Full Member, The Scientific Research Society.

Honoree, Hall of Fame and Distinguished Graduate, designated by Omaha, Nebraska's historic Central High School, 2005.

Consultant to many world leaders and prominent international businesspersons, religious and temporal leaders.

July 19, 2007

**Patent Inventions:**

**Patent I**

Title of Invention: Nutritional or Therapeutic Composition to Increase Bodily Glutathione Levels.

Patent No.: US 6,592,908 B1

Date of Patent: July 15, 2003.

Abstract: Nutritional or therapeutic compositions containing glutamic acid, cystine, glycine and a selenium precursor and methods for their utilization to increase glutathione synthesis and thereby enhance the immune system as described. Amendment (11/181,001) filed for a major increase in the number of Claims, based on the wording of the text and documentation in the original patent, has just issued on July 17, 2007 as Patent RE39734.

**Patent II**

Title of Invention: Nutritional or Therapeutic Supplement and Method

Patent No.: US 6,667,063 B2

Date of Patent: Dec 23, 2003

Abstract: Nutritional compositions containing selenium, colostrum and whey are described. The compositions may be mixed with mammalian food to increase the concentration of glutathione in the mammalian body thereby to enhance the response of the mammal's immune system to infection.

**Patent III (Pending)**

Title of Invention: Method of Assessing and Need for and the Effectiveness of Therapy with Antioxidants

Application No.: 10/797,813

Date of Patent: March 10, 2004

Abstract: The invention relates to diagnostic methods for assessing the need of a subject for treatment with an anti-oxidant, or alternatively, for determining the utilization efficiency and ultimate effectiveness of anti-oxidant therapy in subjects having been treated with antioxidants. More specifically, the methods of the present invention are particularly useful in prophylactic assessment of individuals at risk for developing diseases or conditions in which oxidative stress plays a role, such that an appropriate therapeutic regimen can be prescribed for that individual, thus leading to alternative therapies and/or life style changes. The invention further relates to methods for assessing the need for, the utilization efficiency and the effectiveness of therapy in subjects having received therapy with specific antioxidant and immune enhancing formulations. Kits are also provided for measuring the levels of markers of oxidative stress and immune cell numbers.

July 19, 2007

---

**Patent IV (Pending)**

Title of Invention: Immune Enhancing Compositions and Methods of Use Thereof

Application No.: 10/858,956

Date of Patent: June 2, 2004

Abstract: A method of administering parenterally, particularly intramuscularly, glutamine and cystine and glycine plus selenium; or lactalbumin plus selenium; or lactalbumin and glutamine and cystine and glycine plus selenium, through a long-acting pharmaceutically acceptable carrier to a patient. The method comprises injecting a mixture of glutamine, cystine, glycine, lactalbumin and selenium in order to maintain the mixture systemically or locally for a sufficient time period so as to maintain blood levels of glutathione within an improved therapeutic range.

---

**Book Publication:**

Author, The 10-Step Method of Stress Relief: Decoding the Meaning and Significance of Stress, published by the CRC Publishing Company © 2000, ISBN #0-8493-0063-0. Being reprinted by Stress Watchers Press. The Foreword to the 2<sup>nd</sup> Edition has been written by The Dalai Lama, Nobel Laureate.

**Military Service:**

1959-1961      Captain, U.S. Air Force, and  
Chief, Neuropsychiatric Service,  
Continental Air Command HQ,  
2500 USAF Hospital, Mitchel AFB.

**Marquis' Who's Who:**

Who's Who in America  
Who's Who in the World  
Who's Who in Medicine and Health Care  
Who's Who in Finance and Industry  
Who's Who in Science and Engineering.

\* **Abbreviations from Page One**

M.D.= Doctor of Medicine, Harvard, 1957.

D.Sc.= (Hon.) Doctor of Science, University of Redlands, Calif., 1974.

M.S. = Master of Science, New York University, 1986.

D.N.B. = Diplomate, National Board of Medical Examiners, 1958.

L.M.C.C.= Licentiate, Medical Council of Canada, 1959.

F.R.C.P.= Fellow, Royal College of Physicians & Surgeons with Certification in Psychiatry, 1984.

D.A.B.F.E. = Diplomate, American Board of Forensic Examiners, 1998.

D.A.B.F.M. = Diplomate, American Board of Forensic Medicine, 1998.

F.A.C.F.E. = Life Member and Life Fellow, American College of Forensic Examiners, 1998.