

# CURRICULUM VITAE

## PERSONAL INFORMATION

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## EDUCATION

1967-1972: University of Michigan, full paid academic scholarship, AB in science

1974-1975: Michigan State University and Eastern Michigan University to complete specialty in Clinical Microbiology and Clinical Mycobacteriology on full paid scholarship from employer Hurley Medical Center, Flint, Michigan

1975 - Present: Continuing education programs as they become available.

## WORK EXPERIENCE

1972 - 1973: Clinical Chemistry in private medical lab, routine blood samples with CDC licensing unknowns.

1972 - 1976: Class 5 CDC Reference Lab in Clinical Mycology and Mycobacteriology, routine samples with CDC unknowns for licensing

1977 - Present: As an active biochemist for Vita Royal Products, Inc., a company that I founded in 1977, most of my work is in humans and animals, who suffer from chronic debilitating, and environmentally driven diseases. I formulate new supplements for commercial use; blend custom supplements for special cases; consult individual clients, doctors and veterinarians, and contribute to community education. Research includes extensive and ongoing monitoring of environmental status and its effects on normal biochemistry, monitoring and observing environmental syndromes manifesting in population statistics and how they have changed over the last 30 years, and adjusting nutritional programs to more properly address these pollution interferences on biochemistry.

## TEACHING EXPERIENCE

1977 - 1998: Taught various classes in nutrition for animals and humans for Mott College, Flint Mi.

1981 - Present: Wrote many feature articles for national magazines including journals.

## RESEARCH AND AWARDS

Research work includes neurochemistry and sports medicine physiology, with cases ranging from hyperactive children and violent behaviors, to Gulf War Syndrome, to competition performance horses, neurological affective disorders such as Equine Protozoal Myeloencephalitis, obesity, Type 11 Diabetes and Syndromes X in both animals and humans as manifestations of environmental pollution.

1983 - 1984: Vita Royal Products was chosen as the official supplier of the United States Equestrian Team. Both custom and commercial supplements were formulated for the Olympic Team and they won a record number of gold and silver medals, a record yet to be equaled.

1986: Invited to represent the United States as a Citizen Ambassador in Scientific and Technical Exchange for the People to People Program to New Zealand and Australia.

1988: As above for Communist Bloc Countries.

1991: As above for China traveling and studying Oriental medicine and acupuncture.

1996: After eight years of clinical trials, granted two U.S. Patents in 1996 for environmental biochemistry. One was for the first nutritional diet program for weight loss in morbid obesity, normalizing blood sugar in Type II diabetes and lowering cholesterol using supplements and diet, without drugs. This is significant since there are over 28,000 diets registered in the U.S., none ever earning a U.S. Patent for efficacy. This research pioneered the low carb diets of today, of which there are many. The clinical trial subjects were all morbidly obese women living in SE Michigan, which at the time and still has, the reputation of the worst statistics for morbidity and mortality in the world. It also has record numbers of toxic landfills and industrial dumpsites as well as air pollution problems that cause the area to fail air quality standards. These people, I felt, were the most environmentally challenged

population, with the most severely affected basal metabolism; provided the perfect population to work with.

1996: Another US Patent for a liquid composition with both nutritional and buffering abilities, without heavy metals or other potential toxins, to aid the increasing acidity in environmentally affected populations, both human and animal. Also included were ratios of cations to balance abnormal biochemistry from excess ratios of calcium to magnesium.

1999: Wrote an extensive information web site for understanding and self help for Environmental Illness in humans and animals [vitaroyalproducts.com](http://vitaroyalproducts.com), [newiodine.com](http://newiodine.com), [adaptiveadvantages.com](http://adaptiveadvantages.com)

1999: A continuation to the original diet program was awarded a U.S. Patent for treatment and control of all autoimmune diseases including Lupus, Fibromyalgia and Hashimoto's thyroiditis, as well as chronic fatigue and clinical depression. This patent addressed the hormonal interferences of environmental chemicals that mimic natural hormones, and supplementation of natural hormones to aid affected biochemistry. This patent was immediately picked up by ABC NEWS and featured on their web site.

1999: Three more U. S. Patents for additional biochemical formulations. One represents a dry formulation of the liquid Nutrient Buffer; the second addressed "leaky gut syndrome" with a special nutrient supplement blend, and the last defines a soothing, therapeutic bath salt compound.

1999: Christopher Columbus Award finalist, an award given for the best discovery of 1998 for the benefit of mankind.

2000: Another patent was issued for "Leaky Gut Syndrome" protocol with application to horses affected by neurological syndromes including Equine Protozoal Myeloencephalitis

2000 - Present: Research continues toward methods of normalizing affected biochemistry in Environmental Illness, and finishing a textbook and lay book entitled Environmental Health Connections.