

## **Welcome to the World of BioImmersion**

We know very intimately the hard and often overwhelming work physicians deal with everyday. **Healing and preventing disease has become an enormously tough job to perform and it is getting worse.** The reality of our world today is alarming and it will take global heroic efforts to bring about change.

Your work is important. You are the front line for awakening the awareness needed for change. Small steps can mean great changes and the accumulative effects of your good works will save our world.

BioImmersion Inc. is a global company working in collaboration and partnerships with many scientists, manufacturing experts and farmers from all over the world. For the past 30 years we have been a part of the global call and dialogue for change and have worked hard towards the betterment of our earth, our resources and fellow human beings.

In the ensuing discussion, Seann will talk about the philosophy and the immense passion we have for our world. We share with you not only our knowledge and expertise but also the knowledge and wisdom of many individuals and companies around the globe. We look forward to working with you and getting to know you.



Dohrea Bardell  
President

## **An educational discussion with Seann Bardell, CEO of BioImmersion Inc.**

*BioImmersion's approach to environmental issues is unique; what is the correlation between body and earth and the Therapeutic Foods line?*

We live in a dangerous world. In fact, we are living in a time of mounting crisis. Obviously, we all experience this on the macro level in our every day life; our news pummels us with it. Wars and threats of wars, insecurities as they relate to our jobs, finances, relationships, just the killing pace of modern life means our bodies are dealing with ever increasing levels of stress. And that is just the beginning.

As a Zoologist and an educator, I spent many years in different countries, living and participating in the quest to gain control over our deteriorating world in both poor and affluent societies. From a Lilliputian point of view life has become very complicated. We are living in a sea of growing numbers of pollutants and increasingly virulent pathogens.

**Chemicals have become a way of life:** We work with them, plant them, smoke them, eat them and breathe them into our bodies. The EPA reports that in 1998 US industries reported manufacturing 6.5 trillion tons of 9,000 different chemicals; and in 2000 they reported dumping 7.1 million pounds of 650 different chemicals into our air and water. Chemicals find their way into our bodies where they stay for decades. But it is not just our pollution that affects us. We live in a global community today. India and China have become the two most polluting countries in the world. India's bilging smoke stacks affects our air quality. China's formaldehyde laden plywood arrives in our ports, in quantities enough to supply at least two million homes with kitchen cabinets that waft formaldehyde for years. The bioaccumulation of these xenobiotics and many others has resulted in a body burden that has reached critical levels.

*As a Zoologist and Peace Corps alumni; how has your approach to infectious disease changed?*

Let's talk about pathogens: in the mid 60's, the Peace Corps dealt with all types of infectious disease with antibiotics. I conducted health surveys in Micronesia and taught Micronesians public health measures to control diseases. I built their first clinic and implemented modern medicine. Those were the good days because it was easier to control disease. But times have changed drastically. Third World Network, (TWN), published an article about the impending global calamity of infectious diseases. The new diseases range from AIDS to little known but equally lethal viral infections. In many cases the disease source is unknown as is the reason for their emergence. More than one fifth of the world's population lives in extreme poverty and is bound by their living conditions to the daily hazard of infectious diseases. Increasing air travel and the growing traffic in trade and tourism mean that disease producing organisms, the deadly and the commonplace, can be transported rapidly from one continent to another. Changes in global food trade create new opportunities for infections to flourish.

Expanding areas of human habitation put additional millions of people at risk from pathogens previously rare or unknown causes of human disease. The effect of climatic changes may give some diseases the opportunity to spread to new geographical areas. During the past ten years, outbreaks of old foes such as plague, diphtheria, yellow fever, dengue, meningitis, influenza and cholera have claimed many lives. Today there are other deadly diseases to contend with: HIV/AIDS, Ebola hemorrhagic fever (no longer contained to the jungles of Africa), Lassa fever, Marburg virus, a new form of animal influenza in humans, Legionnaires' disease and a new variant of Creutzfeldt-Jakob disease (nvCJD). Some are believed to have emerged from rainforests and crossed the species barrier to infect humans. Others are amplified from deadly co-infections with diseases such as TB or leishmaniasis and HIV/AIDS.

Let us not forget that the CDC recently held an expert meeting issuing a call for doctors to increase their vigilance against a hit list of some drug resistant and extremely virulent strains of six bacteria that now are killing more Americans than AIDS and breast cancer combined in nosocomial generated infections. A new mutation of *C. difficile* produces 20 times the toxins of the old version, and outside medical

centers, a virulent new version of MRSA has hit kids, sports teams and healthy adults. Some die in days.

A worthy note: Tracy Kidder's book, "Mountains Beyond Mountains", should be read by every person involved in medicine. It chronicles the life of Dr. Paul Farmer, a Harvard MD and Anthropologist, who has taken on the specter of drug resistant TB and is making a major impact worldwide. This book is so inspiring that the University of Washington requires all incoming freshman to read it. We need inspiration now more than ever to keep our spirits up and our intentions pure.

**The brutal fact of globalization and the modern life is that China's pollution is our pollution; Africa's pathogens are our pathogens, and unfortunately our fast food is the world's fast food problem and we are all paying a high price with our health.**

*You teach that "A global problem requires a global solution" but how do we tackle this enormous task?*

One step at a time and with enthusiasm and compassion towards our fellow human beings! Many organizations around the world have realized the enormity of this task. The Lancet in October 2005 issued a call for global dialogue about chronic disease and death in low and medium income countries. The article states that from an estimated total of 58 million deaths world wide, 35 million people die from heart disease, stroke, cancer and other chronic diseases. 20% of these deaths occur in high-income countries and 80% of these diseases occur in middle-income and low-income countries. The World Health Organization (WHO) estimates that all chronic diseases account for 72% of the total global burden of disease.

Cardiovascular disease is the leading single cause of death worldwide. Cancer is predicted to surpass it within the next few years. In China an obesity epidemic is imminent with more than 20% of children aged 7 to 17 in big cities now over weight or obese. 108,220,000 Americans age 20 and older are overweight. Of these, 44,250,000 are obese. India has the largest number of people with diabetes in the

world with an estimated 19.3 million in 1995 and projected 57.3 million in 2025. Diabetes in America is now threatening to bankrupt our health care system. **Scientifically and medically: Survival of the Fittest has never been so poignant.** The bottom line is that the assault on our bodies is intense and our body systems are overwhelmed and unable to defend, detoxify and repair.

*How do we participate in this beautiful global effort?*

Have your own initiative. Make it practical and realistic. BioImmersion's initiative has a simple straightforward approach: Clean our home environment, Help our body, and Help the world. Traveling and living in different parts of the world has shown us clearly that there is no doubt the dietary customs of any culture, group or individual play a major role in health, vitality and longevity. And everywhere we go we see one common factor: **The body desperately needs more intense and powerful nutrients to counteract, heal, protect and maintain health.**

Our own government recognizes the need for a dramatic change in our dietary patterns and has given the edict, thru our USDA and DSHS: to consume at least 5-9 servings of fresh fruits and vegetables each day. World wide, governments create campaigns and slogans to remind their citizens to eat more vegetables and fruits. The "5-A-Day for Better Health" campaign is not just a recommendation but also a serious must do for the human species to survive. Our bodies are designed to subsist on multi dimensional nutritional requisites. From the first day of conception to the last breath we take, our bodies require nourishing foods to grow, repair and sustain.

BioImmersion participates with the powerful and practical line of Therapeutic Foods formulas, purposeful and multi-dimensional in its many medical applications. Food that is exceptionally potent to efficiently feed our body wholly so it can combat environmental toxins, chemicals, and viral and bacterial infections.

The base for the Therapeutic Foods line is a new medical paradigm principle that is thousands of years old. **The Therapeutic Foods Line of products is founded on the new paradigm principle that the pace of life will in fact become faster and although we purpose**

**to slow down and properly eat 5 to 9 organically produced fruits and vegetables a day, hormone and antibiotic free meat and dairy, fermented foods and wholesome organic grains, nuts and seeds, it is not enough. We need more. We need 21st century advanced manufacturing and scientifically backed Therapeutic Foods that are designed to deeply nourish and combat the growing multi-factorial assault on our bodies.**

The Therapeutic Foods line is foundational for integrative and allopathic treatment protocols, providing powerful nutrients that help the body repair, regenerate and protect against the harmful environment. It is the perfect combination of advanced scientific research and 21<sup>st</sup> century manufacturing technology working together to maintain the wholeness of food while creating the exact molecular concentration for powerful medicinal effect.

We are excited to engage in a good conversation with every one of you and again - keep up the good work. We honor your efforts!



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