

# BIOMEDX HEALTH FOUNDATIONS WORKSHOP

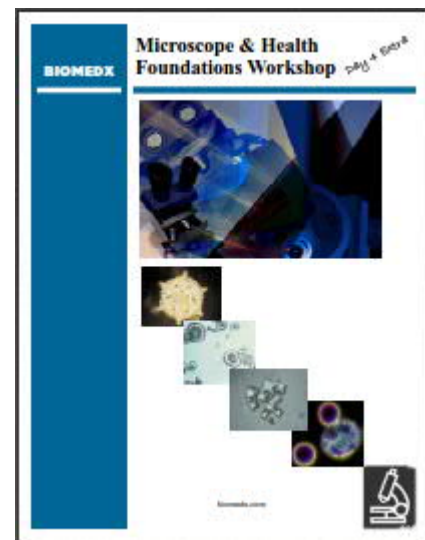
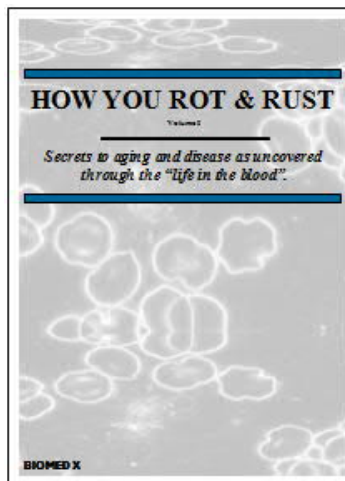
*It's Biological Microscopy & Human Flow Analytics  
for Effective Health Advocacy*



Here's one view of the Biomedx Biotorium.  
Attendees are shown here in a video conference with a guest speaker  
discussing parasitology.

Our classroom seats 16 in comfortable conference chairs and we have 8 lab stations to pair people to biological microscopes and assorted lab gear. It is all designed to provide you hands-on skills to learn the most effective health advocacy happening in the world today.

All of the workshop material for this class is held online at [edu.biomedx.com](http://edu.biomedx.com). If printed out it would exceed well over 1000 pages. The smaller version of all this when printed in the past and put together was sometimes referred to as the Biomedx bible binder...



Today all of this material plus a whole lot more including video segments is online at [edu.biomedx.com](http://edu.biomedx.com). This site encompasses all your pre-class study material plus post-class deep dive material, historical reference texts, articles, papers, related audio and video-taped seminars.

All attendees of the live hands-on workshop must be members of the online platform.

Covering certain sections of this material is mandatory to do before you come to class.

Here are the 20 core modules at [edu.biomedx.com](http://edu.biomedx.com):



**INT - Module 1 - Introduction.** Review intro to the workshop study material and a chance to meet your instructors. Here you will also access a study guide to use as you go through this material before coming to the live hands-on workshop.

**HSB - Module 2 - Health Science Basics.** Five lesson monographs as a refresher if needed or as a basic introduction if these sciences are new to you. Monographs cover Medical Terminology; Anatomy, Physiology, Pathology; General Chemistry; Hematology Basics; Digestion.

**HRR - Module 3 - How You Rot & Rust.** Secrets uncovered and explored through the use of microscopes, meters, measures and more through a reading of the book *How You Rot & Rust* and a preview of the live presentation slides.

**HCP - Module 4 - High Complexity Placebomes.** The IT that heals may be more than you think. One thing we may be doing for our clients tomorrow is engaging them in high complexity placebomes, a scientific protocol with interesting research behind it.

**MST - Module 5 - Microscope Technology.** Going through the technology of the amazing microscope.

**LB1- Module 6 - Qualitative Live Blood Microscopy.** Understanding live blood under the microscope; red blood cells, white blood cells, platelets, exosomes, peripheral plaque and more. The qualitative live blood microscopy portion of this material covers 4 modules (this one plus modules 7, 8, & 9). This module breaks down into 53 segments over 5 sections.

**LB1 - Module 7 - Recorded Lectures.** 16 segments of recorded video of prior class lectures covering the understanding of Live Blood under the microscope.

**LB2 - Module 8 - Live Blood Part 2.** 22 segments in 3 sections expanding the peripheral plaque phenomenon with the work of Dr. Keiichi Morishita and the relationship of plaque formations to the Bong Han Vessel / Primo Vascular meridian system.

**LB3 - Module 9 - Live Blood Part 3.** A continuation on Live Blood microscopy with a summary overview on the contribution of Emanuel Revici MD.

**PDT - Module 10 - The Pathology Determination Test - A Basis for Cancer Diagnosis.** A simple clot retraction (Bolen modified) microscopy process pioneered at Spears Chiropractic Hospital in the 1950's claiming 99% accuracy yet it is unknown in the medical field.

**OST - Module 11 - The Oxidative Stress Test.** Understanding oxidative clot retraction blood markers through simple microscopic testing. Also referred to by some as the Bolen or HLB (Heiten LaGarde Bradford) dry layer blood test.

**OST - Module 12 - Recorded Lectures.** Recorded videos of prior class lectures covering the PDT / dry layer / oxidative stress test.

**PRA - Module 13 - Practicum Supplemental.** Practice pointers and more. Doing white blood cell count differentials with your microscope using manual counters, understanding blood type, diets and lectins from A to Z, peripheral plaque ear lobe blood sampling...

**FSA - Module 14 - Flow Systems Auditing.** This module looks at getting the quantitative numbers that lie behind the qualitative microscopic picture using urine, saliva, meters, measures, and more. Walks through the core 5 homeostatic controls that are key to knowing the clients situational physiology; electrolyte status, lipid anabolic catabolic disposition, glucogenic ketogenic energy processing, autonomic balance, compartmental pH.

**OMB - Module 15 - The Oral Microbiome.** Identifying oral spirochetosis and more through the microscope and connecting the oral microbiome to overall health.

**PRO - Module 16 - Protocols & Viewpoints.** Covering diets, supplements, and practical applications of the periodic table of the elements vis a vis Emanuel Revici's incredible insights on its organization and way to use it to target mineral compounds for specific health issues.

**URI - Module 17 - Urine Microscopy & More.** Urine for a surprise as we cover not only the microscopy of urine using your microscope to uncover what it has to tell, but also the use of urine for biologically targeted individualized immunotherapy.

**WTR - Module 18 - On Water.** This module explores water as the fundamental universal healing medium as it records and holds information (viewable under the microscope as you will see) useful for correcting and restoring life processes.

**BRC - Module 19 - The Biological Reset Center.** Gearing up your health practice to incorporate regenerative, anti-aging and self-healing processes to create your own Biological Reset Center.

**CYA - Module 20 - Inside Law.** Guidelines in foundational law to help you work privately and protect your practice from government over-reach.

In 3½ days we attempt to encapsulate all of this material for you while providing hands-on instruction in a live class environment.

The live workshop is a dynamic extension of the online material where you get actual hands-on instruction, have opportunity to share and network with others, get directed personal attention, and essentially get done what is very difficult to do in a solely online environment.

## **Program Agenda - times shown are approximate.**

### **Day One**

**8:00am-Noon Rot & Rust Workshop - Core Foundational Principles.**

#### **We Live in a Material World**

We work from the premise that health in the physical body is spiritually and vibrationally induced, chemically and electrically driven, and biologically carried out. That precept covers a lot of ground and we will be digging into it throughout the workshop. Fundamental to our physical existence is elements – as in the periodic table of the elements. When elements step off that table the dance of life begins in this material world. There is an organization and structure to the periodic table of the elements and knowing it will drive you to new ways of looking and organizing health protocols.

#### **The pH Regulatory System of the Body**

How people can get into trouble being too alkaline and how acidifying can bring back balance. What? Sound shocking? Confused? You won't be after this session. We take pH concepts to a new level of understanding beyond the simplistic thinking that permeates much of the alternative and natural health field today regarding acid/alkaline balance. pH is a measure of biochemical speed & resistance and also reflects a magnetic factor - and it must be understood that it is only the tail of a much larger biochemical dog.

#### **Old Biological Theories Reviewed with New Understanding**

The work of Gunther Enderlein, Antoine Bechamp and others brought to light with modern scientific theory.

#### **Electrolyte and Mineral Issues**

Of prime importance in the consideration of any imbalance that any individual might experience is what is going on with minerals/electrolytes in the body. Electrolytes = electricity and one's body can have too much or too little and either situation is a precursor for the manifestation of issues with the tissues that unfold in many directions.

#### **Blood as a Holograph of Consciousness- the Quantum Picture**

Beginning exploration into areas that will be further explored on day 2, 3 and 4.

#### **Cellular Membrane Lipid Dynamics**

Understanding fatty acid/sterol membrane dynamics is where the rubber meets the road in terms of understanding pH issues and everything related to our circadian existence and the "look" of blood under the microscope and how that impacts the body's entire system of flow and water makeup.

#### **Zeta Potential – Another Key to the Blood and Flow Picture**

Blood is a colloidal suspension under the control of zeta potential. Heart issues are always renal issues are always blood issues. The ins and outs of rheology. Sound like Greek to you? It won't after this session.

**Noon-1pm** Box lunch w/video presentation

**1:00-3:00** **Digestion**

The physics of assimilation. Your gut as a primary source of blood cell hematopoiesis while bone marrow hematopoiesis may just be a compensatory avenue.

#### **Mitochondrial Quanta**

The cell as gel and shocking news (to some) that the sodium potassium pump theory was just that, a theory - and it has been disproved. Replacing it is the association-induction hypothesis of G. Ling. We'll lay it out as easy as possible and dive into mitochondria, autophagy, mitophagy and more while we're at it.

#### **Nutrition and Your Mind**

What every psychologist and psychiatrist should know but have never been taught (including other docs as well) about fats, sugars, energy and more.

### **Reduction and Oxidation**

The flow of life moves with the flow of electrons. Qualitative measures you can “see” with the microscope.

We also touch upon; blood type & diet, the lymphatic system, the enzyme connection, your body's own medicine - homeopathy/isopathy, subtle energy; new frontiers for medicine, FOCI impact and more.

#### **3:00-5:00 Live blood perspectives.**

How zeta potential affects blood suspensions. DNA correlations, environmental factors, what you see related to holographic imaging, conscious and sub-conscious aspects of the blood picture vis a vis quantum physics. Working with clients; style, form, substance. Using questionnaires. Driving to protocols for conditions from the naturopathic perspective. Delineating boundaries between education and the practice of medicine or clinical process. Using the live blood scoresheets. Empowering a progressive CAM (complimentary & alternative medicine) practice.

#### **5:00-6:00 Hands-on Microscope Lab.**

## **Day Two**

#### **8:00-9:15 Recap your blood home study**

Our on-line pre-class program covers the ins and outs of red cells, white cells, T cells, B cells, parasites, monocytes, etc. We cover the allopathic/nutritional perspective, biological theories, possible causes of what you see, signs and implications of what you see, and ask why in order to connect the dots to physiology. We attempt to bring the pictures home with simple stories. We introduce the work of the late Marcel Bessis – one of the few (if not only) mainstream hematology instructors and university level textbook authors who’s objective was to put live blood microscopy into hematology curriculums and every day clinical use. We cover more on the work of Emanuel Revici and his anabolic/catabolic paradigm as related to blood. We’ll touch on the peripheral plaque phenomenon as outlined through the phase contrast microscopy work of Dr. Keiichi Morishita in Japan. As we introduce this it will also lead to discussing the phenomenon of meridian hematopoiesis and the primo-vascular/Bong-han vessel system, remnants of which can make their appearance in the peripheral blood sticks we’ll be viewing.

#### **9:15-10:30 Hands-on Lab**

You’ll do many finger sticks, get live blood and dry layer samples. Your own and others. You might also do some earlobe sticks to further explore the peripheral plaque phenomenon as outlined through the phase contrast microscopy work of Dr. Keiichi Morishita in Japan. As we introduce this it will also lead to discussing the phenomenon of meridian hematopoiesis and the primo-vascular/Bong-han vessel system, remnants of which can make their appearance in the peripheral blood sticks we’ll be viewing.

#### **10:30-Noon Genetics, Food, Food as Genetic Medicine**

Linda, our resident un-registered nurse, will walk through a recap of important concepts and give you some powerful clinical tools you can take home and begin applying.

#### **Noon-1:15 You eat, we keep the discussion going.**

#### **1:30-6:00 The Dry Layer Oxidative Stress Check & PDT Pathology Determination Test**

Oxidative interference in the unfolding of the coagulation cascade within blood can alter fibrin/fibrinogen linking & cross linking polymerization which leaves tell-tale imprints in dried blood. This is a fascinating study that potentially offers insights to overall free radical stresses in the body along with certain degenerative disease and other imbalanced health markers. Slide preparation, technique, theory, use in practice, using the dry layer scorecard, lab.

The PDT is a little known derivative of the dried blood coagulation test pioneered in the 1950s at the only major chiropractic hospital in the country. It expands the basic concepts of the dry layer test above with more reflection into the bloods colloidal suspension offering insights to direct pathological identification.

Nancy, our roving microscopist, who has worked for many CAM MDs in the area, will share what she does and how she does it. She'll share case studies and show additional blood images and their related stories.

## Day Three

**8:00-9:30**

### **Quantifying the Numbers Behind the Picture**

While the microscope picture offers a qualitative look at the underlying “biological terrain”, behind the picture are numbers that can quantify how the picture came to be. Auditing physiology through measurable means and managing directed response is what the numbers behind Flow Systems Auditing is about and this foundation is weaved throughout the workshop. Here we encapsulate the concepts covered to this point and further demonstrate simplified toolsets to begin putting the work into practice. See the picture, get the numbers. It's a one two power punch that every CAM practitioner should have in their arsenal.

**9:30-Noon**

### **Hands-on the Meters for Measures and More**

Lab session where you work with the data sheet and provided equipment to get your own numbers from your urine, saliva and physiology.

**Noon-1pm**

Box lunch w/video presentation

**1:00-4:00**

### **Delving Further into Flow Analytics**

#### **FOCI Review - targeting the gingiva**

Getting client scope samples to view and educate on the oral beasts and what it means to health. An eye opening segment with lab where we are sure to be introduced and will be seeing spirochetes live on screen.

**4:00-6:00**

### **Regenerative Cell Therapy & the O2 Reset for Physiology**

Throughout the course you will have seen a most logical and powerful health methodology encompassing; 1) quantitative measurements you can make in order to better manage adaptive capacity for optimal wellness and 2) the visual and qualitative perspectives that can lead to issues needing to be cleared that may be interfering with effectively carrying out #1. Once covered, it's time to consider regenerative anti-aging therapy which includes the phenomenal research and application of resetting arterial/venal endothelial cell transfer capacity - system wide - for increased oxygen acceptance and energy production. We will touch on some amazing concepts and work being done in the arena of bio-magnetics and if there is time left we'll delve into heart rate variability for autonomic system reset as well as algorithmic anti-aging via the “math” of DNA that is on the edge of quantum physics occurring today. In total we will point you in the direction of how to incorporate the idea of the “Biological Reset” as a service to your clients. This will seal your understanding of much of what we've discussed in the program that can empower your practice and take it to a whole new level - or kick start a new one like nothing else.

## Day Four

**8:00-9:00**

**Spillover from prior day, open Q&A**

**9:00-11:00**

**Teaching people how to be healthy in a practice restrictive environment.**

We begin the morning with open Q&A. Then we move into taking a snapshot of where we're at and where we can go using these empowering ideas freely in practice without running up against government agencies that would prefer to crush you. We'll briefly explore areas health practitioners working with the “public” need to know like Medicare, CLIA (Clinical Laboratory Improvement

Amendment), state medical and practice boards.

We'll review the private association perspective, constitutionally protected provisions to practice, and necessary private contracts you should have in moving forward with your work as a private Practitioner Health Advocate.

What we do here will help greatly to calm any fears you might have of the government stepping on you for simply helping people be healthy. (Stepping on people who provide certain alternative health services is something the government seems to do very well.) You will learn how to take your practice out from under their jurisdiction by properly framing what you do and retain your rights to freely practice your new skill sets as you determine, not them.

**11:00-11:05      Graduation Ceremony**

(the program does not end here but at the end of the session today it gets a little crazy with activity so we get your certificates in your hand now.)

**11:00-12:00      Fast & Furious**

- 1) Emanuel Revici Review - How his scientific work can empower your practice  
*Emphasizing the two forms of water in the human body; free and bound, recap zeta potential understandings and new research on structured water and the EZ - Exclusion Zone - dynamics. Understanding all water is plagued by deuterium which is the #1 natural aging substance we consume daily. How to clear your drinking water of it.*
- 2) Microscopic Examination of Urine  
*What free/bound water can tell you about renal/heart issues.*
- 3) A Quantum Theory Review  
*Imprinting water with signatures from urine, blood, other.  
Viewing energetic imprints in water with the microscope.  
Quantum entanglement and what it means to sleep and ....*

**12:00-1:00      LAB and...**

This is a time to get a quick experience working with the different tools you might have wanted to explore but didn't during the main program. Perhaps you want to centrifuge and spin down urine to see if there are holographic messages for you in your own body's water (yes it happens). You can get more help with your personal study goals, learn more about how to engage this service in practice, socialize/network more with other attendees...

While there is so much material to cover, the above reflects the general outline we attempt to maintain but the order of things may shift around a bit depending on any given class.



## Overview on the Program

Biomedx workshops offer education in the way of information, a perspective, and a way of thinking through the human condition utilizing a framework and set of concepts that in application are not typically within the curriculum of medical school, nursing school, naturopathic school, chiropractic school, or any other formal school of the healing arts, nor any health coach, wellness, fitness or other such program. It is not the intent of Biomedx workshops to become any of the former, it is instead to be a dynamic adjunct to the education one already possesses and to provide new toolsets and thinking processes to enhance what someone may already know so they may see a new level of success for themselves and their clients.

Our workshops tend to look at the human body from an engineer's perspective while filtered through the basic sciences. As an engineering marvel the body has numerous interdependent feedback loops that when operating efficiently, leads to maximum adaptive capacity and human performance.

Strategies and protocols to manage maximum performance of this marvelous machine are derived when measures are made that define the body's natural homeostatic controls when overlaid upon the understanding of core physiology.

The reason for this is simple: *you can't manage what you don't measure*. If human performance is to be managed, one has to measure in light of a goal in mind that fits within the natural parameters of the human machine.

### **This is not that.**

The "western" medical model has become a major force for health care in much of the world. This model largely looks at organs and body systems as disparate parts chopped into segmented areas. Medicine has been sliced and diced into domains of the "specialist".

When a given area can meet clinical criteria for a diagnostic classification when assessed or tested within the parameters defined by regulatory agencies governing those defined tests, then appropriate treatments can be assigned. These actions are most always connected to and tied to monetary reimbursement plans of government sanctioned insurance programs where bean counters, administrators, and special agendas often define and rule what happens.

The Biomedx workshops do not incorporate these modes of action. Through many years of observation it has often been shown that this "clinical" form of testing with its requisite treatment is typically at odds with and can short circuit the body's own inherent natural feedback systems.

The processes we delve into during workshops are designed to more or less train the trainer who will be imparting specific health education to their clients. This education and the facilitation of information exchange is a process which does not encompass any diagnosis, prevention, or treatment of any disease or impairment of, or the assessment of the health of any human as that might be defined for clinical laboratory or medical purpose.

If one were to attempt to mold this work into that model and use it in such capacity with members of the public, one would need to be appropriately certified or licensed by the appropriate public agency or board who are tasked with protecting the public when such actions occur. The reasons for this are simple. Firstly, when public money is being doled out of the public purse for reimbursement of such tests, the government needs to be assured it is getting its money's worth

and its processes are being correctly followed. Secondly, the consequent treatment that follows such testing is most often of a medical nature and can be inherently dangerous if not properly undertaken. Only authorized personnel with the requisite skill, licenses, and certifications are allowed to work with such dangers.

Though Biomedx does not work or conduct training in these clinical areas with its inherent risk, it does not mean that somebody who does and is following the requisite guidelines and directives required cannot benefit enormously from our educational workshops. For many it's as if textbook science, perhaps long-ago studied, is reformatted and presented in entirely new ways with unique insights and perspectives allowing mental light bulbs to fire with many "aha" moments providing a newfound charge and excitement for one's healing profession, which in the end is all about the clients and their success.

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We're often asked "what can I begin to study before class?"

It is all at [edu.biomedx.com](http://edu.biomedx.com).

If you wanted to go even further, there are books you can read. Some of the textbooks that are historical and out of print, are held in the book repository in the EDU platform's gold extension (which also contains deep dive material you will want to get into post-class.)

Understanding basic anatomy and physiology is a given and should be a prerequisite. If it's all new to you, books like *Physiology Made Simple* or the "Dummies" and "Idiots" guides can be useful, we also have our workshop module 2 online that covers this.

Here are some of the texts that form the basis of the material and knowledge facilitated during the workshops, currently 8 of these that are out of print are on the EDU platform for you to access.

*Control of Colloid Stability Through Zeta Potential*, Thomas Riddick

Foundational study on rheology with blood and cardiology applications through the eyes and research of a colloid chemist.

*Living into the Golden Years*, T.C. McDaniel, DO

The practical application of Riddick's work as clinically applied by a practicing physician.

*Monitoring Fluid & Electrolytes Precisely*, Nursing Skillbook

*Research in Physiopathology as Basis of Guided Chemotherapy*, Emanuel Revici, MD

While continuing a full schedule clinical practice up until his death at age 101, Revici's contributions to understanding cell and lipid dynamics is without equal as was his practice of "real" medicine.

*The Doctor Who Cures Cancer*, William Kelley Eidem

A lay person perspective on the work and life of Emanuel Revici.

*A Physical Theory of the Living State*, Gilbert Ling

Sodium potassium pump? Not exactly.

*Cells, Gels, and the Engines of Life*, Gerald Pollack

Ling's work simplified.

*Nutrition and Your Mind - The Psychochemical Response*, George Watson, Ph.D.

When we shared this with an MD he was hopping mad. Here was information that answered so many questions and issues he faced with his patients every day that in all of his years of training not once did this well researched and relevant text ever surface in his studies.

*Body, Mind & Sugar*, E.M. Abrahamson, MD

An earlier work just as relevant as the prior text.

*Body Chemistry in Health and Disease*, Melvin Page, DDS  
*Nutrition and Physical Degeneration*, Weston Price, DDS  
*Vitamin News, Conversations in Nutrition*, Royal Lee, DDS  
Boatloads of practical and useful information.

*Biological Ionization as Applied to Human Nutrition*, Alexander Beddoe, DDS  
On the processes of Carey Reams

*Living Blood Cells and Their Ultrastructure; Red Cell Shape; Blood Smears Reinterpreted;*  
Marcel Bessis  
The only mainstream hematology textbook writer/author for academia whose texts are an attempt to get live blood microscopy into everyday clinical use.

*Cell Wall Deficient Forms*, Lida H. Mattman

*Daily's Notes on Blood*, John Daily

*Holographic Blood, A New Dimension in Medicine*, Harvey Bigelsen, MD

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This is but a sampling.