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 in a video conference with a guest speaker on Saturday afternoon 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.

When you attend you not only get this dynamic hands-on live experience, you will also take home our coveted 10 section 570 page core workshop manual (some have called it the Biomedx bible binder), our full 140 page How You Rot & Rust companion book, plus if you elect to do the Sunday option, you get our 120 page extra workbook covering more exciting ideas, techniques, and technology.
Our workshops can overwhelm with the amount of material being covered so to help out, we are now posting pre-class review material both reading and video along with some challenge exams on-line so you get to study up before you come.

Here’s what the gateway to that material looks like:

We never turn away anyone that wants to learn and realize some may not have the basics of what is generally required in a health science career. To get those people going you will see some of the important basics on the first line above.

For those with existing medical or other associated degrees that have already had the basics, they might just do a quick review of hematology and then begin with the section How You Rot & Rust and move on from there.

How You Rot & Rust is a simplified way to express the two things that essentially happen to everyone as they age: Rot as a way to express pathological hyperplasia and rust, pathological disintegration. All learning moving forward takes off from that foundational understanding and it leads to so much more.
Basic Program Agenda - times shown are approximate.

Day One

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

**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. Electroytes = 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.

**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.

**Zeta Potential – Another Key to the Blood 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 on Microscopy of the Living Blood

1:00-3:00

**Digestion**
The physics of assimilation.

**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.

**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.
3:00-4:00 Introduction to hematology basics and the living blood perspective.

4:00-6:00 Hands-on the Microscope
Microscope basics, set-up, adjustment, operational modes; brightfield, phase contrast, darkfield, 3D, slide preparation basics, practice management issues. Hands-on microscope practice, lab.

Day Two

8:00am-Noon Live blood identification continued.
Red cells, White cells, T cells, B cells, parasites, monocytes, etc. The allopathic/nutritional perspective. The biological theories, possible causes of what you see, signs and implications of what you see, asking why? – and connecting the dots to physiology. Bringing the picture home with simple stories. Getting to know 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. More on the work of Emanuel Revici and his anabolic/catabolic paradigm as related to blood and more.

Noon-1pm Box lunch. Roll video collection. An entertaining review of how things are not always what you think they are, and the power of the body, mind, spirit to heal.

1:00-4:00 Getting deeper into the workbook/literature review/doing dental gingival samples.
Further introduction to the work of early pioneers, their theories and the realities (Enderlein, Bechamp, Naessens, Rife, etc.) 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 scoresheet. Empowering a progressive CAM (complimentary & alternative medicine) practice.

4:00-6:00 Hands-on the Microscope.
This is open lab time. Now that you know a bit more, what do you see in your picture? We have one scope for each two attendees so turns can be taken each playing the role of educator/technician/coach and client.

7:30-12:30 Evening with the Microscope.
It’s been a long day, but you’re at the hotel so what else are you going to do? Come down to the hotel meeting room for an informal scope session to hear from a local microscopist that has worked for many CAM MDs in the area. She will share what she does and how she does it and if you’re willing, use you as “the client” to give a glimpse into one person’s way of presenting health education within the context of this work. You can participate in the activity, watch, listen, socialize.

Day Three

8:00-10:30 The Dry Layer / Oxidative Stress Check.
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.
**PDT - Pathology Determination Test**
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 blood’s colloidal suspension offering insights to direct pathological identification. This introduction will form the basis for a research project you might participate to help reestablish this very valuable but lost contribution to the healing arts.

**10:30-Noon Hands-on the Microscope**
The bright field microscope application and viewing dry-layers & the PDT.

**Noon-1pm You eat, we review your samples with scope projected to class.**

**1:00-2:00** Video conference call on Parasitology with Dr. Raphael D'Angelo, a physician that excels in using the microscope with stool and urine sampling for finding and identifying the parasites that feed on us. The information may surprise you when learning the incredibly high percentage of infection that is occurring in the population at large and is going completely unrecognized.

**2:00-4:00 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 its foundation is weaved throughout this 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.

**FOCI Review - targeting the gingiva**
Includes lab session - getting client scope samples to view and educate on the oral beasties and what it means to health. An eye opening segment.

**4:00-5:00 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.

**5:00-6:00 Teaching people how to be healthy in a practice restrictive environment.**
This session takes a snapshot of where we’re at and where we can go with empowering ideas we can use to freely practice what we do without running up against certain 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 practice boards, along with issues of sovereignty and retained rights and private health associations. We’ll review the Native American Health & Wellness Association in preparation to move you move forward.
Day Four

8:00-Noon  Extra Session
You’re already here, your flight probably does not leave till sometime in the afternoon, so come over for a morning session. This is a time to get more lab experience working with the different tools, get more help with your personal study goals, learn more about how to engage this service in practice from our resident unregistered nurse.

Day 4 Manual Content (120 pages)

1) Emanuel Revici - A Review of His Scientific Work

   Emphasizing the two forms of water in the human body; free and bound.

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 ....

4) The 100 count/WBC Differential

   Using a cell counter to discern tendencies to dysfunction.

   The endobiogeny perspective on WBCs and endocrine control.

5) Putting Microscopy into Practice with Clients Tomorrow

Sunday morning’s lab session gets into imprinting water, using the centrifuge for spinning urine and viewing urine under the scope, using the bench counter and the microscope for getting your WBC differentials.
Overview on the Workshops

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.

We’re often asked “what can I begin to study before class”? We send links prior to a workshop to pre-reading and study material. Picking from some of the work below, it might be Eidem’s book on Revici, The Doctor Who Cures Cancer, Watson’s Nutrition and Your Mind, or Daily’s Notes on Blood. For overall nutritional understanding, the three dentists, Page, Price and Lee are invaluable.

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.

Some of the texts that form the basis of the material and knowledge facilitated during the workshops...

*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

This is but a sampling.