OBRL Annual Newsletter #27 December 2014

This is the infrequent, Year-End Newsletter from the *Orgone Biophysical Research Lab* (OBRL) in Ashland, Oregon, USA.

http://www.orgonelab.org



James DeMeo, PhD Director of OBRL

(Belated) Happy Holidays and New Year 2015! From James DeMeo and OBRL

Anomalous Blue-Glowing Water, in the Morning Glory Hot Spring, Yellowstone National Park



An effect of "light scattering"? Or *Organotic Lumination*? Details Below.

Due to a very busy work-schedule, OBRL Newsletters are sent out only once per year, in late December or early January. Subscribe to OBRL-News or visit the OBRL-Blog for regular notices. http://www.orgonelab.org/OBRLNewsletter.htm

Here's what's been going on at OBRL in 2014, and what's in store for the future.

Dear Friends and Supporters,

Last year was exceptionally busy at OBRL, with a general theme of... Water.

Following are two Research Reports focused upon water. One is a brief accounting of new findings in water spectroscopy, notably the fluorescence reaction in organe-charged water, which is a direct confirmation of Wilhelm Reich's ideas on *organotic lumination*. My findings from this research were presented at a major conference on water, held in Bulgaria, where the findings were well-received.

Another water-themed body of research this year has been aimed at using Reich's discoveries, notably the *Reich cloudbuster*, towards easing or ending of the severe West Coast USA drought -- that is, the *authentic cloudbuster* of Reich, not the "chembuster" ghost-busting nonsense. This particular project required not only actual field operations to overcome atmospheric stagnation and a return of rains, but also extensive repairs to our main cloudbusting instrument.

Both of these projects are described below..

These projects aside, two new books were also developed in 2014.

One new book is an all new German translation of the revised and updated edition of my *Orgone Accumulator Handbook*, titled *Das Orgonakkumulator-Handbuch*. Another is a new edition of James Martin's *Wilhelm Reich and the Cold War*.

These are also described below, along with a new article in the *Journal of Scientific Exploration* on the Dayton Miller and more recent successful experiments confirming the existence of the cosmic ether-drift. A few additional unpublished essays are also described with weblinks.

Your interest in keeping abreast of my work as supported via OBRL is most appreciated. Please consider to make a donation, or purchase our books, both the older and newer ones, for both yourself, as well as for gifts to students and friends.

Thanks for your interest,

James DeMeo, PhD Director of OBRL

http://www.orgonelab.org

1. New Published Articles and Books:

* New Article, by James DeMeo: "Does a Cosmic Ether Exist? Evidence from Dayton Miller and Others" J. Scientific Exploration, 28(4): 647-682, 2014. http://www.scientificexploration.org/journal/
Earlier version internet posted:

http://www.orgonelab.org/miller.htm

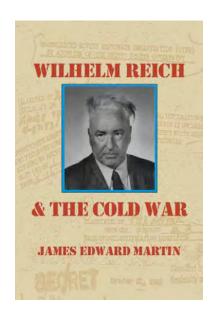
* New Book Translation: Das Orgonakkumulator-Handbuch:

Wilhelm Reichs Entdeckung der Lebensenergie.
Rüstzeug für das 21. Jahrhundert zur Selbstheilung
und allgemeinen Verbesserung der Lebensqualität,
Mit vielen Bauanleitungen. by James DeMeo. All
new German translation of The Orgone Accumulator
Handbook, Third Revised Edition, Natural Energy
Works, Ashland, OR, in Press, available in early
February 2015. Fully indexed with Appendix on the
Cosmic Ether of Space, illustrations. ~300 pages.
Available for pre-order, with free shipping
internationally, if you purchase direct from our online shopping cart before February 15th. From here:
http://www.naturalenergyworks.net or here:
http://www.orgonelab.org/cart/xdemeo.htm#ORACDE



(Enter "OBRL News Free Shipping Offer" in comments when you check out, and shipping charges will be deducted.)

* Also available, by James E. Martin: Wilhelm Reich and the Cold War: The True Story of How a Communist Spy Team, Government Hoodlums and Sick Psychiatrists Destroyed Sexual Science and Cosmic Life Energy Discoveries. by James Edward Martin, 2nd Edition, Updated. Natural Energy Works, Ashland, Oregon, 2014. Fully Indexed with Photo Section and Documentary Appendix. 415 pages. Available internationally from: http://www.orgonelab.org/cart/xreich.htm - WRCW An on-line Review of this book is given here: https://obrlnews.wordpress.com/2014/07/24/book-review-wilhelm-reich-and-the-cold-war/



2. Research Report: *Update on Spectrographic Research at OBRL* Experimental Verification of Reich's Findings on *Organotic Lumination*

I recently presented an invited lecture at the *Ninth Annual Conference on the Physics, Chemistry and Biology of Water*, as held in Orlovetz, Pamporovo, Bulgaria, 9-12 October 2014.

This conference was attended by top water research scientists from around the world, including Nobel laureates and long-time investigators into the related subjects of water memory, water structure, and biophoton phenomenon. An Abstract and PowerPoint PDF of my research presentation can be downloaded from the Conference website:

Spectrographic Signatures in Water Induced by Radiant Fields from Enclosures of Various Materials, by James DeMeo

http://www.waterconf.org/participants-materials/



A YouTube of this lecture is given here: https://www.youtube.com/watch?v=JlB-hyqxJVk

A written paper of this presentation and related findings from OBRL will be prepared and hopefully published in 2015. In the meantime, a preliminary discussion of these new findings follows.

The subject of my lecture, Spectrographic Signatures in Water Induced by Radiant Fields from Enclosures of Various Materials, presented new findings on changes in water spectroscopy — absorbance and fluorescence — after the water had been charged up inside Wilhelm Reich's original and authentic orgone energy accumulator box-type devices (as opposed to the "orgonite" trinket-junk that is widespread on internet) as well as from exposure to other box-type enclosure materials.

Such water research has been a theme of work underway at OBRL over the last several years, investigating changes in the properties of water from exposure to the organe accumulator, and other materials. While prior work demonstrated clear absorption signatures in organe (OR) charged distilled water in the far UV frequencies over ~220-280 nm and peaking around 240 nm, the new research presented at this year's Water Conference documented a fluorescence reaction in the same OR water which ranged across near UV and bluish frequencies.

This important new finding shows that when OR-charged water is subjected to far UV light (~200-300 nm), it fluoresces or luminates in the near UV and bluish frequencies, across the range from ~270-500 nm. This is not the case with uncharged samples derived from the same commercial jug of distilled water, used as a control in every case. Also of importance was, how some commercial jugs of distilled water already had a fairly strong OR absorption and fluorescence signature as it was purchased off the shelf. This suggested variable factors in the properties of the water as it moved from the commercial well, through the distillation process, and then in bottling and shipping. This random variable was removed by firstly evaluating many different water brands, comparing them to each other and selecting only those jugs of distilled water with the lowest pre-existing spectrographic reactions, for use in subsequent OR-charging and control procedures.

The suggestion from these experiments is, orgone energy is attracted into the water, by natural reactions as well as by OR-charging inside an accumulator, and it is the orgone which glows under excitation, and not necessarily the water itself. Or the orgone-charge changes the structural properties of the water such that the newly-configured water molecules have significantly different absorption and fluorescence characteristics. Overall, however, a control jug of water could have those spectrographic properties enhanced to objectively demonstrable levels of high intensity by charging a sample of it inside a strong Reich orgone accumulator. The actual experimental findings provide a strong support and proof for Wilhelm Reich's assertions about bluish glows from high OR-charged materials, such as liquid water and, by inference, in the moisture-containing atmosphere.

What is today shown in the lab appears to occur by nature alone on a grand scale. Solar radiation contains trace quantities of life-beneficial UV frequencies. These frequencies can create an excitation of water in pristine lakes or oceans, or hot springs and other living, healing waters, or masses of glacial ice, such that they develop a bluish coloration highly suggestive of a fluorescing glow. Such phenomena have been observed by ordinary people and naturalists over millennia, where the water creates its own bluish resonance and glowing effects that are directly observable. But the new fluorescence experiments suggest these glowing effects will be most pronounced and visible where the properties of living water, highly charged with life-energy, are present. In other cases of rather "dead" or ordinary water, such bluish glowing characteristics may be entirely absent, or existing at very low levels. In one of my prior publications, I have already given many photographic examples of these "fluorescing blue waters", with web references to many other examples as made by ordinary photographers world-wide. (see J. DeMeo: Water as a Resonant Medium for Unusual External Environmental Factors, Water Journal 3:1-47, 2011.

http://www.waterjournal.org/volume-3/demeo)

Reich's original arguments and theory on such optical phenomenon are now supported with laboratory proofs, and thereby constitute a challenge to the longheld belief that *Rayleigh scattering* effects are the one and only explanation for such bluish colorations in nature. The Rayleigh light-scattering theory retains certain validity for optical effects within dense transparent minerals or where prism-like effects from small particulates can be clearly documented, and also reproduced in laboratory environments. However, this idea from classical mechanics of the late 1800s has been applied reflexively over many decades whenever unusual optical blue colors are observed in nature, and is sometimes wrongfully used as a club against newer ideas. Reich's observations on the bluish glows in nature provide a explanation, in what he termed *organotic excitation and lumination*.

By Reich's theory, living and non-living materials may generate their own bluish-glowing haloes or energy fields, as a function of the OR life-energy contained within them. He extended his orgone theory to assert how it filled all of space — similar to the older concept of a *luminiferous cosmic ether* — and thereby could help to understand the bluish glows observed across planetary atmospheres, including the blues of the sky itself, or the bluish glows seen inside high-vacuum tubes, which by inference appear related to the bluish haloes surrounding entire galaxies. In these cases, cosmic water may prove to be at work also, given newer discoveries that hydrogen and oxygen are considered to be the most abundant atoms in deep space, suggesting the most abundant molecule in the universe is probably water, H2O.

Other bluish glowing phenomenon, such as biophotons or the subtle or profound blue colors of glacial ice or thermal hot springs, or deep blue lakes in high mountain areas, or even certain bee-attracting dark blue flowers which emit both UV and purple-blue frequencies (ie, lobelia), all suggest phenomenon which fall under Reich's theoretical expectations. They all yield up a deep blue glowing characteristic along with near UV frequencies when excited by natural sunlight. To the studied eye these colors appear as a glowing luminescence, and not some purely mechanical effect of light-scattering or reflectance.

The same can be said of the bluish glows seen in Reich's *bions*, and surrounding red blood cells and some microbes when viewed in the light-microscope, using the best color-corrected optics and under living conditions.

Reich often wrote how there was a "mutual affinity and attraction" between orgone energy and water, and how orgonotic excitation could cause a healthy and relaxed organism to "glow" figuratively. He observed such glows quite literally in other aspects of biology and nature. This is now affirmed with good experimental proof via spectroscopy, at least so far as water is concerned.

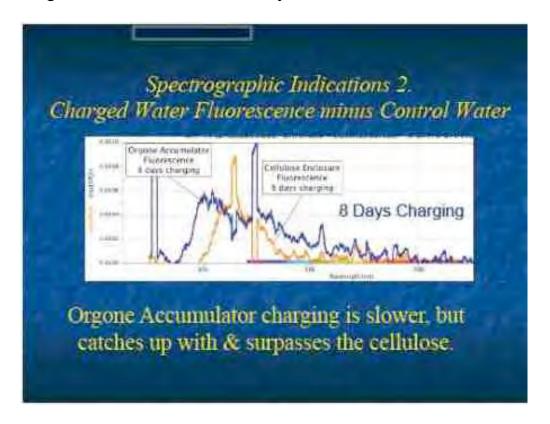


Fluorescence Spectrometer at OBRL

A lot of other interesting research was presented at the Water Conference, helping me to understand the related practical aspects of what they term as *biophotons* or *excited electrons*, or *water in excited states*, etc. These ideas carry the assumption that there is something more going within both living and non-living matter, beyond what can be explained by ordinary chemical theory.

Such phenomena are possibly related to this one-same orgone-charge in water, imparted by the typical orgone accumulator, but also by certain dielectric materials. The other presenters sometimes spoke about the bluish color

anomalies, much as seen in typical *Cherenkov radiation*, but without the necessity of hard and aggressive high-energy atomic radiation for excitation. A case in point is Gerald Pollack's Exclusion-Zone (EZ) water findings, which were another major theme of the Water Conference. Water exposed to Nafion dielectric material, as Pollack found, creates an EZ property within water along the edges of the Nafion material, with very thick molecular layers that cling together and thereby repulse small particulate materials. EZ water also absorbs UV light in frequencies close to the OR-charged absorption findings, and also emits a slight bluish color visible to the eye.



Fluoroscopic Emissions of water charged inside an Orgone Accumulator (ORAC) minus an uncharged control sample (blue line). The orange line is the reaction of water to exposure within a Cellulose Acetate enclosure, minus uncharged control, indicating that some materials have a similar water-influencing effect upon spectroscopy. While the ORAC and Cellulose appear roughly similar in this regard, they yielded antithetical influences upon growing plants, the ORAC boosting the growth, and the Cellulose stunting the growth. The ORAC thereby remains quite unique in its growth-health promoting capacities.

These observations are in keeping with my own findings on the orgone accumulator charging of water, but other materials also produced surprises in this regard. An enclosure made from high-dielectric *cellulose acetate*, for example, can induce such spectrographic properties into water at a much faster rate than the orgone accumulator by itself. Cellulose-acetate charged water also yields a blue fluorescence, similar to water charged inside an orgone accumulator, but not exactly so. A mystery exists in how the spectroscopy of cellulose acetate material closely resembles that of the orgone accumulator, but the cellulose does *not* impart the life-positive influences of the orgone accumulator. Cellulose acetate enclosures severely stunt the growth of bean seedlings, for example, while the orgone accumulator enhances their growth. One explanation could be, the cellulose acetate provides "too much" of a charge "too quick", thereby inhibiting plant growth, in opposition to the more slow-charging effects of the orgone accumulator.

It must be emphasized, that the spectrographic and plant-growth influences discovered in my experiments were developed without any physical contact between the water or plants and the enclosure material itself. Instead, my results were obtained only from radiant field effects that were transmitted through the open air, off the walls of the organe accumulator and other enclosure materials such as the cellulose, which influenced the water or seed properties quite directly. This radiant, non-contact, non-chemical influence is of course well-documented in regards to the organe accumulator itself, which creates many biological and physical influences and anomalies within its interior, without contact to the interior metal walls -- which in any case should not by itself create any of the interesting effects observed with the organe accumulator.

My work suggests, such radiant fields are a general characteristic of all matter, or how the OR-energy interacts with, or charges up different kinds of matter in different ways, even though not necessarily with the life-positive influences of the accumulator. Sometimes, the material composition of a surrounding enclosure material box can be toxic, a fact that has long been known in orgone biophysics, as with the life-negative influences of orgone accumulators made from copper or aluminum.

Cellulose acetate as used in my experiments has a natural origins from pulverized wood, though the acetate form comes from chemical processing, rendering it into a transparent and rigid plastic-like material. Woody cellulose materials are composed of the same chemical constituents of other living matter which covers the planetary surface. We also know, healthy forests composed mainly of cellulose material also yield a bluish glow in the air above, that can be seen and photographed. Such phenomenon are absent from or extremely rare above barren rock desert regions, by comparison. Instead, the harsh deserts of

the world, lacking in water, can even show a diminished bluish glow miles overhead in the cloud-free sky. This has been documented on satellite images, where the blue color of the *Earth's Aura* is observed to be brilliant and transparent over oceans, forests and grasslands, but diminished into a fuzzy dim blue-grey over the big deserts of the world.

We should therefore not be too surprised to find the acetate form of cellulose, a material derived from woody forests, retains unusual properties related to nature's own bluish glowing phenomenon. This may give us insights about how and why biophoton research also yields similar UV-blue frequencies, that can be obtained from a variety of organisms and materials which share our existence on Earth. Under the right stimulating excitation, there is a bursting forth of visible light, a lumination reaction as Reich described it, notably within the near-UV and blue frequencies.

These new findings from spectroscopy put working legs under some of the lesser-explored aspects of Reich's theoretical work, suggesting new experimental developments. For example, as Reich argued, the full spectra of light as seen in what we call "daylight", may be produced as a lumination-reaction from intense Solar excitation of the Earth's orgone energy envelope. Bluish tones exist in that lumination, farther out from the brilliant orb of the Sun itself, which can only be seen when one diverts the eyes off to the side.

If eventually proven out, it would give support to his "outrageous idea" that light may be a local phenomenon, separate from the excitation forces which stimulate it. In some cases, for some frequencies, this appears to be already proven out.

My thanks to Prof. Gerald Pollack, for the kind invitation to speak on these controversial topics at the *Water Conference*.

James DeMeo, PhD Director, Orgone Biophysical Research Lab (OBRL) Ashland, Oregon, USA

3. Research Project: CORE: Western Drought Emergency

For the last several years, the Western states have suffered under serious drought conditions. Efforts have been underway using the Reich cloudbuster at OBRL, in coordination with the *USA Core Network*, towards experimental drought mitigation in the Western states. The Core Net has been active for nearly 20 years on the West Coast primarily, but with members in the Central and Eastern

USA. Nearly always these efforts have been able to stimulate the return of rains and snow whenever drought problems began.

During the Winter of 2013-2014, however, precipitation was scarce in the Western states, and for reasons of equipment failures we were not able to undertake desired operations until late Winter and early Spring. The primary device at OBRL employed for this kind of work, *cloudbuster Icarus*, had severe mechanical problems requiring repair and correction. That apparatus, which I personally built in Florida back in 1976, was 38 years old by the time of the severe Winter 2013-2014 drought. It had developed a severe corrosion problem on its undercarriage, due to having been used on several West Coast beaches where it was exposed to salt water. Aside from the rust problems, the gear motors used for aiming the large cloudbuster antenna were malfunctioning, and the entire apparatus was in need of serious maintenance and overhaul. For financial reasons, these repairs had been put off for too long, until the time when our location in Oregon began to fall under severe drought.

Ambitious fundraising efforts for a larger *Southwestern Drought Abatement Project*, had failed to obtain more than a few thousand dollars in pledges, so our plans were accordingly scaled back and delayed. The costs for doing this kind of work are quite economical as compared to typical cloudseeding efforts, which cannot do anything to help during droughts when there are no seedable clouds. It is also exceedingly less costly than the billions of dollars of loss to crops and other water-dependant activities. Nevertheless, efforts of myself and two other professionals to make contacts and gain a broader interest and funding for such an effort simply did not succeed. The major reaction to our solicitations -- to wealthy private donors, government agencies and politicians -- was predominantly a deafening silence, peppered with arrogant contempt.

Undeterred, repairs were initiated to cloudbuster Icarus over Summer of 2014, using existing OBRL funds which were diverted from our research efforts. With help from a local machinist, the trailer for cloudbuster Icarus was repaired and rehabilitated, with a new axle and tire fenders, and other parts replaced. New grounding cables were obtained, rusts removed and galvanized coatings added, along with new trailer lights and siding. A second smaller trailer-mounted cloudbuster was also rehabilitated for the task. We now have the necessary equipment repaired and ready to put on the road, to undertake CORE procedures as have been known since Reich's time. Unfortunately we still do not have funding to pay for necessary logistics essentials, such as a reliable vehicle for towing the apparatus, plus for hotel, food, gas, money to defray personal expenses and many other things. Consequently, no larger West Cost CORE project was launched by OBRL. A less ambitious but effective effort has nevertheless been undertaken by the collective CORE Network members.



Cloudbuster *Icarus* during repairs and rehabilitation, at OBRL.

The Core Network today has four separate static cloudbusting stations established on the West Coast, from Southern Oregon south to San Diego, California, employing the skills of serious operators and apprentices. Operations began in earnest in the latter part of September of 2014, working on and off during the current Winter. Immense quantities of stagnant DOR were mobilized, the currents of high-altitude OR energy excited into greater activity, resulting in several major winter storms arriving on the West Coast for the first time in several years, making an entry inland without the usual deflections northward into Canada. For a time, the "storm doors" were naturally re-opened, temporarily at least during October through early December.

While this work continues, there has not yet been any full resolution or ending of the drought crisis. Late December and early January saw a reversion to drought. We expect this work will continue episodically for the remainder of the current winter and spring. Nobody is getting paid for this work, which is done by volunteers with the necessary skills and equipment, and cooperative spirit. A published report may be made available later in 2015.

4. New Confirmations on Saharasia

There are new and independent confirmations on various aspects of my earlier Saharasia findings, notably on the dramatic deadly social effects of severe desertification. Details are given here:

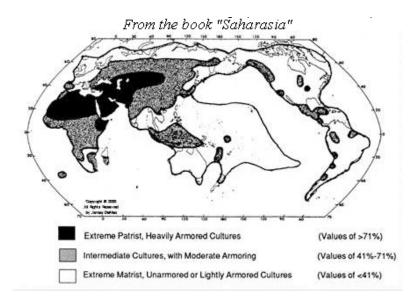
https://obrlnews.wordpress.com/2014/03/13/new-confirmations-on-saharasia/

5. Regrettable Confirmations of Saharasia:

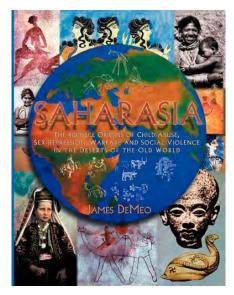
Muslim Terrorists Discover Saharasia. The ugly details are given here: https://obrlnews.wordpress.com/2014/06/20/muslim-terrorists-discover-saharasia-2/



Above: *Modern Islamic State Map* of existing and intended conquest regions Below: *World Behavior Map*, the black areas identify regions already conquered by mostly Islamic warrior-nomad armies as of c.1900 AD



6. Saharasia: Findings made more that 15 years before 911, still pertinent and essential to understand the current problem of Islamic terrorism, and the deadly and violent sex-economic disaster within Islamic regions, now being exported all around the world.



For full details, get the book:

Saharasia: The 4000 BCE Origins of Child-Abuse, Sex-Repression, Warfare and Social Violence, In the Deserts of the Old World by James DeMeo

Available from here:

http://www.naturalenergyworks.net or here:

http://www.amazon.com/Saharasia-Origins-Sex-Repression-Warfare-Violence/dp/0980231647

In Defense of

Wilhelm Reich:

James DeMeo

7. My recently published book, *In Defense of Wilhelm Reich*, is now available and with a new Book Review, as follows:

In Defense of Wilhelm Reich: Opposing the 80-Years' War of Mainstream Defamatory Slander Against One of the 20th Century's Most Brilliant Physicians and Natural Scientists, by James DeMeo Available internationally from:

http://www.naturalenergyworks.net and: http://www.amazon.com/Defense-Wilhelm-Reich-Mainstream-Defamatory/dp/0980231671/

REVIEW of *In Defense of Wilhelm Reich*, by Thomas Diferdinando:

https://obrlnews.wordpress.com/2014/06/12/book-review-in-defense-of-wilhelm-reich/

A hearty thanks to Mr. Diferdinando for his kind words.

8. More slanders of Reich and myself, and my responses:

- * Response to Wired Editors, New Slanders
 https://obrlnews.wordpress.com/2014/11/27/response-to-wired-editors-new-slander-of-reich-and-myself/
- * Christopher Turner, with Wellcome Trust, Slanders Reich Again https://obrlnews.wordpress.com/2014/11/07/christopher-turner-with-wellcome-trust-slanders-reich-again/

9. Additional essays of merit, on various issues

* Defending Wilhelm Reich's Work on Genitality, and the Rights of Heterosexual Youth

https://obrlnews.wordpress.com/2014/02/25/defending-wilhelm-reichs-work-ongenitality-and-the-rights-of-heterosexual-youth/

* Age of Consent Laws, revisited https://obrlnews.wordpress.com/2014/09/14/age-of-consent-laws-revisited/

* LED Bulbs Are a Rotten Alternative to Incandescents or Halogen Light Bulbs

 $\underline{https://obrlnews.wordpress.com/2014/04/02/led-bulbs-a-rotten-alternative-to-incandescents/}$

* Strong Alive Women, Video Recommendations
https://obrlnews.wordpress.com/2014/04/28/strong-alive-women-video-recommendations/

10. For a more complete list of James DeMeo's research publications and books, see any of the following:

http://www.orgonelab.org/demeopubs.htm

http://orgonelab.academia.edu/JamesDeMeo

https://www.researchgate.net/profile/James_DeMeo/contributions

OBRL Funding Request

Orgone Biophysical Research Lab

Funding James DeMeo's and OBRL's Fourth Decade of Orgonomic Research http://www.orgonelab.org/donate

All the above-described research projects and publishing efforts were made possible by the generous donations and book-purchases of our supporters. *Your Support* is needed and *very much appreciated*. We are soliciting funds today primarily for continuing laboratory experimental work at the OBRL, notably for the water spectroscopy and Core field-work underway.

You can either DONATE ONLINE

http://www.orgonelab.org/donate

Or you can send a check made out to "OBRL" or to "Orgone Biophysical Research Lab", and send to PO Box 1148, Ashland, Oregon 97520.

OBRL is an IRS-approved 501(c)(3) non-profit foundation, established in 1978, and your donation is tax-deductible.

Please also consider to remember OBRL in your bequests.

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 $\underline{http://www.orgonelab.org/OBRLNewsletter.htm}$

OBRL-News items are also posted to the OBRL-News Blog, which you can visit at your leisure. Here:

http://obrlnews.wordpress.com/

Thanks very much for your interest and support!

Once more....
Our Best (Belated) Wishes for the Holidays, and New Year.

James DeMeo, PhD Director of OBRL info@orgonelab.org



The OBRL High Altitude Research Lab and Office, with Observatory, Seminar Room and Solarium.

Our Home Base, Summertime View.

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