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LaRouche: Remove Obama To Stop War of Extinction  
Financial Collapse Drives British Push for WWII  
The Gifts of Prometheus: Fusion & Physical Chemistry

## 26 Days to Hell, or Not: Count-Down



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# EIR

## From the Editor

As we go to press, Lyndon LaRouche has produced a new paper of crucial importance, entitled “Mind Over Your Matter,” which you will find on our website, [www.larouchepub.com](http://www.larouchepub.com). It poses, in the sharpest terms, the crucial issue of strategy before the world today, in the face of a “count-down to global genocide.” We urge you to read it as quickly as possible.

The process is moving rapidly. On Feb. 11 the U.S. House of Representatives overwhelmingly voted up a resolution supporting the fascist-dominated opposition in Ukraine, thereby taking the world one step closer to a thermonuclear showdown. The resolution claims—in a string of bald-faced lies—that association with the European Union would promote “democratic values” and “economic opportunity” in Ukraine, while it would “not threaten any other country.”

Our cover *Feature* by Lyndon LaRouche, “Count-Down,” makes starkly clear what the implications of this capitulation are—with the world mere days away from “Hell, or not.” This reality has been further accentuated in the last 24 hours by top Russian strategists, who bluntly state that the war from NATO’s side has already begun. *International* reviews the global strategic map, identifying the danger points—from Ukraine, to Syria, to North Korea—and revealing the British imperial hand in pushing these crises to the brink of explosion.

Why are they doing it? LaRouche’s Feb. 7 webcast (in *Economics*) emphasizes that the dynamic of financial collapse is what is propelling the increasingly desperate war party into a flight forward, and that the most effective way to stop it is to kick President Obama out of office, by constitutional means.

That would clear the way for urgent action to reinstate the Glass-Steagall Act and rebuild the economy. As we report in *National*, there is significant progress on this front, especially from state legislatures.

In the *Science* section, Jason Ross takes up what actually constitutes “value” in the progress of mankind. Don’t miss his startling quotes from the ancient Mesopotamian “Greens,” whose views are indistinguishable from those of today’s British royal family.



## Cover This Week

*An ICBM, seen  
from below.*



flickr/kerinin

### **4 Twenty-Six Days to Hell, or Not: Count-Down**

By Lyndon H. LaRouche, Jr. “As of today, it is a fair estimate, that every living person on this planet is now faced within probably twenty-six days between now and Hell. There are potential alternatives, not many. This is, now, ‘count-down.’” So begins this week’s Feature article. “Unless some factor supervenes,” LaRouche adds, such as the impeachment of Obama, there soon might be no one left on this planet. As always, LaRouche indicates the strategic solution, which depends however, on recognizing the distinction between the human mind and the human brain.

## Economics

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During his Feb. 7

LaRouchePAC weekly webcast, Lyndon LaRouche responded, in-depth, to questions on the health (or lack thereof) of the global financial markets; and on a recent statement by Russian President Putin on the importance of Classical art and culture. We provide his responses.

## International

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The main reason for Congress to oust Obama by Constitutional means, writes *EIR*

Counterintelligence Editor Jeffrey Steinberg, “is that Obama is a tool of the London-Wall Street financial oligarchy, and as long as he remains in office, these Anglo-Dutch forces maintain their finger on the American nuclear trigger.”

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By Helga Zepp-LaRouche. It is now out in the open that the British Empire and its cipher Barack Obama are in league with neo-Nazis who are carrying out a coup against the legitimate government of Ukraine. Victoria Nuland’s vulgar comments, which went viral last week, were further evidence of the dirty role being played by the Obama Administration.

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The drive to enact a national Glass-Steagall law picked up steam in recent days, as the Obama depression continues to throw millions of Americans onto the economic scrapheap. New memorials have been introduced in state legislatures around the country, demanding that Congress re-enact FDR’s anti-Depression measure.

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## Science

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A webcast program by the LaRouchePAC Scientific Team, Feb. 1, featuring a presentation by Jason Ross, on the “Arts of Prometheus.” “We’re going to be using the theme of Prometheus to guide our approach to what the value is of our increasing mastery over the physical universe, our creation of new materials, and new powers.”

## Editorial

### 53 **Take the Queen’s Finger Off the Button!**

TWENTY-SIX DAYS TO HELL, OR NOT:

## Count-Down

by Lyndon H. LaRouche, Jr.

February 5, 2014

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*As of today, it is a fair estimate, that every living person on this planet is now faced within probably twenty-six days between now and Hell. There are potential alternatives, not many. This is, now, “count-down.”*

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The word “strategy” has had two principal, competent sorts of meanings; within the few weeks ahead, it could, suddenly, have no meaning at all. Unless some factor supervenes, such as the impeachment of British puppet and nominal U.S. President Barack Obama, such that he is dumped in the immediate future, as by resignation, or impeachment-proceedings, there might be no, or, almost no human beings on this planet, left to live to be there, quite soon. The countdown for global thermonuclear war is virtually inevitable within no more than weeks, unless the removal of the shadow-President were to be accomplished very, very soon (as of this date).<sup>1</sup>

Let us, therefore, measure human reality in terms of the word “strategy,” not the silliness of mere tactics, when that term, “strategic,” were employed scientifically, rather than the commonplace (actually very stupid), chronically silly voice of what remains today, for most people, as a

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1. “Strategy” designates two, complementary meanings. The commonplace, but actually only secondary connotation, is the, relatively inferior sense, of military strategy. The primary connotation is relative universality: the social-evolutionary process (hopefully upward) of the development of the human species as a social process of mankind. The types of “whole-ness,” are principally, two: Promethean-versus-Zeus-ian. The contrasted meanings are, primarily, upward, as against stagnant, or even backwards and downwards modes of human cultures. After *the relatively satanic culture of Zeus*, the Promethean culture denotes an upward direction of the development of the human mind.



U.S. Air Force

*A Minuteman III missile test launch. Let us measure human reality in terms of the word “strategy,” LaRouche writes.*

matter of highly popular, stinking opinion.

That much just said, let us describe the global strategic reality of this present threat of immediate thermonuclear warfare, globally.

Today’s popular (*Zeusian*) opinion<sup>2</sup> is what might, even probably, be the disease, which wipes the existence of people from the planet’s map. Even if an armistice were secured, to prevent actually thermonuclear-warfare-fighting, an immediate general breakdown-crisis of the trans-Atlantic region, in particular, can not be stopped—as long as present Anglo-trans-Atlantic policy were continued. Wall Street, for example, is about to be finished-off, either way.

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2. The Roman Imperial regime, presented a Zeusian policy of genocide; of which the present (Anglo-Dutch) Empire is a virtual “carbon copy” of such a practice of warfare as presently intended. The historical difference is that, this time, the war is thermonuclear.

However, even given an urgently needed pulling-back of the presently escalating plunge into the arms of global thermonuclear war, still the threat continues inevitably to grow, if the British imperial-led thermonuclear warfare is not cancelled virtually immediately.

In all major warfare on this planet, since the ouster of Germany’s Chancellor Bismarck, the entire planet has been locked in a globally-strategic commitment to general, globally-spread warfare, since the moment Bismarck was ousted by the intervention of the British empire. Since that time, a state of world-warfare has been in progress (despite brief intervals of recess from warfare) since the assassination of the President of France [Sadi Carnot], came on the heels of Bismarck’s ouster. Since that warfare, globally imperialist warfare, centered in the British empire, has been underway (between breaks in sportsman-like “innings”) until the present instant, with global thermonuclear warfare lurching to the brink of globally launched thermonuclear human extinction. That is presently, the future leering at all of you, everywhere, until the current plunge into global thermonuclear warfare, wipes you out, perhaps to the last on this planet.

Unless we impeach Obama now, the British control over their puppet, President Barack Obama, insures that thermonuclear war is an immediate prospect. Think now, what I am about to tell, immediately, here and now.

“Popular opinion (*Zeusian*)” today, says, “No!” “If I do not wish to believe it: ‘it’ does not exist.” That is what would, most probably, be, what killed you—if there were any “you” still existing, to be killed. That is the future; now, re-examine your present.

That means: “Global thermonuclear warfare,” for example; Adolf Hitler’s ‘SS’ killers have now invaded Kiev, with strong backing from London, and, from many among our own jabbering Washington circles’ own populist (i.e., lying) opinion. Granted: Hitler is long dead; but, he might just be waiting, somewhere, for you to join him there, wherever that is; or, perhaps you have been reading **The Washington Post**, too often—which might be one of those habits that had been sucking the moisture out of your brain?

History might not stop with a jerk; but, rather with all too many jerks: Barack-Obama believers, for example. Or, too many of the wrong kinds of Republicans,

for that matter. Maybe “Wall Street,” is today’s meaning of the forthcoming “Towers of Bubble”? Which means professional masturbators zealously driven by the hot-handed pursuit of intrinsically worthless Wall-Street money: not for investing, but for President Obama’s sucking the common folk, dead and desiccated, alike, too many people: that in ever-increasing rations (per capita), for diminishing numbers of once-living people.

I have said certain things (all wholly truthful), but, perhaps too simply said, as common-folk (“populists,” for example) tend to do. Therefore, let me forewarn you, one (perhaps) last time: this time in retrospect. How, really, did the famous Joe Jerk get so many among you, so damned drunk, so many times, and that on the drug of puke-ably populist, mere opinions?

### *Numbers, for Example!*

Yesterday, for example, just prior to the noonday lunch-time, a trio from among us were gathered at a conference table, to treat the subject of necessary improvements in physical science. “Yahoos” do not like serious scientific conversation; it upsets the “populists” on the premises. (I had a big dose of that lying, populist crap this past Sunday: too many people gather, ritually, to be virtually drugged into gatherings assembled for the kissing of the butt of yet another yo-yo’s, a would-be “Andrew Jackson’s” butt. (Sort of a bunch of would-be “hill-billy” actors gathered for seeking bit-parts around one of the late Burt Lancaster’s screening-season performances.)

Among us in the United States, for example, the most notable butt-kissers, as a collection, are a combination of cross-breeding of Republican varieties of high-falutin’ Yahoos (as in the Senate, for example), and Democratic, professional butt-kissers of the perceived opportunity. Scarcely a sane-person-in-an-election carload, with Jacksonian types of both political sexes, galore. No “F-types” among them; nearly all, essentially, D-generates.<sup>3</sup>

This does not mean that they are actually as stupid as most of them seem to be on the surface of the public performances. It means that they are very, very cor-

3. I really hated Marvin Meyers’ **Jacksonian Persuasion**; but, I concede that he did have certain clinical insights into the Horatio Alger varieties of still-contemporary populist cretinism (in short, he had been essentially an opportunist in the spirit of that time, but he was never a **dumb** opportunist: he was much like any other Zeusian: wicked, but not dumb, a true travelling salesman, as all Wall Street types, also, are).

rupted, and greatly inclined to faking almost anything, ranging from sex, to Wall Street investments. Yet, all that considered, those are nonetheless incompetent, and, implicitly, fraudulent (morally and cognitively) on that account. Faking in any form, is not to be tolerated. Horatio Alger was, after all, not as dumb as his characters were seemingly perfected to be, or to have been: after, all, Horatio Alger, himself, was a Wall Street swindler at heart.

For such types, the *name-of-the-game* is “money.” At top (forget the bottom!), *they are all fakers-at-heart*: As in the essential plot of **The Death of a Salesman**.

That much said, up to this point in my writing here: granted, D-generates are D-generates: which makes them “tick.” What do they do when they are acting like *Junior Boy Scouts for Satan*? In other words, “whore-masters”—or, “mistresses.” What is the actually available alternative to that particular populist (and essentially wicked specimen’s) variety?

What is the antidote to shysters (e.g. “Con men,” like those who might be attempting to suck-the-intellectual-juices out of my true friends)? Whoa! That must now, be quickly brought to an end!

### *Con-Men Can Be Dangerous*

How is it possible, that fraudsters are often mightily rich, when the honest are so damnably poor? The answer, in brief, is that successful businessmen are often mere swindlers at heart. This includes prominent Republican leaders, wealthy bankers, hustlers of all sorts of varieties, and even one or two, or so, among the secondary and tertiary leaders of my own organization. Given the circumstances, the clean-up must begin with matters close-to-home. With the example which we must set, to deal with the con-men among our own ranks, and within the upper-political-economic ranks, as well. There, are the “hustlers,” the “sharpies,” and the like, or, a significant ration of the ostensibly “top-ranking political bosses,” and some judges, alike, all of whom prey upon the desperate modesty of the population more widely.

I recall, from such places as Seventeenth-century London, a great and sudden clean-up of a corruption-sodden English regime, which came, then, upon their very unpleasant times: times, when the murderous Dutch of the later years of that century, collected on the useless debts of the swindlers of the incumbent English regime: and, the similar decline of a corrupted Louis XIV’s France: all, to create a merely nominally British

regime which was, in point of fact, a Dutch concoction named, with astonishing irony, the so-called “British Empire”! A true Roman Empire was, thus, resurrected, like a stinking Zeusian corpse, under the appropriately stinking name, of the British Empire.

Wall Street, was a Dutch habitation on, or near Manhattan, from the start. It was the Dutch pestilence, now wearing English clothes (of a certain loutish sort), which murdered Alexander Hamilton (done by the British spy-assassin Aaron Burr) who was operating within the just-born United States: that, already, as a leading agent of the nominally British empire at that time; and, a Burr who was also the creator of the loutish buffoon Andrew Jackson and his Manhattan-Dutch supervisor, and professional thief, President Martin Van Buren.

Most of our own Presidents, from that time, to the present one, had been agents, or stooges of agents, dominating the greatest percentile of the office of the President of the United States: Bushes, for example, from Prescott (the Hitler-maker) to his notably, but also viciously silly son and grandson. There should be, on that account, insight into the moral frailties of certain, notable Republican and Democratic political leaders, and, certainly, certain bankers, and kindred swindlers, up through the present date.

Hence, the management of many public and private organizations of our United States, at the highest Federal level, and the lowest morals, down to both the petty, broad-waisted, fat slob of New Jersey, and the Wall Street swindler-class of alleged banking, centered in London: from which Wall Street secures its influence over the suckers in the government and parties of our United States. In our United States, gangsters come still in sundry disguises, not excluding those of Republican and Democratic leaderships: that on the highest, and, above all else, the morally lowest estates (and smelliest political, economic, and, otherwise, moral, estates).

That said, there remains a certain, specific question, to be addressed by me, and also by you. Here and now.

That question is to be well-stated, for our purposes here. It is the political and related moral muck which greatly pollutes all phases of current private and public life, alike.

What, then, must we do? Clean up the muck, itself? Or be rid of it entirely? It should be suspected, at the very least, that popular opinion has moral defects: defects, which, in the main, are not the fruit of immorality; but, are, not only the fruit of a lack of morality within the ranks, or not, of great swindlers and brutish

power; but, at bottom, of the vacuum (the great sucking-sound) created by the slaves of popular opinion.

### *Take: for Example*

Take, for example, the matter of what is called Classical artistic composition. That is the greatest source of corruption of the morality of our own republic, and, of its so-called “popular opinion.”

That subject is, in one view of the matter as a whole: a monstrously complicated problem. Complications will arise from what I have been presenting here: no doubt, no needed dispute on that specific point of reference. To that point, I suggest a moment of focus on a particular work of my friend (although deceased, my publicly avowed friend) William Shakespeare. The point, however complicated it might appear, mistakenly, to be, has an effectively poignant expression in what has persisted as his palpably most famous composition and its performance: **Hamlet**.

But, that dread of something after death—  
The undiscovered country, from whose bourn  
No traveler returns—puzzles the will,  
And makes us rather bear those ills we have  
Than fly to others, that we know not of?  
Thus, conscience does make cowards of us all;  
And, thus, the native hue of resolution  
Is sickli’ed o’er with the pale cast of thought;  
And enterprises of great pith and moment,  
With this regard, their currents turn awry,  
And, lose the name of action—

What Shakespeare brings here, in a particularly effective fashion, is the same principle made, most explicitly, in the role which Shakespeare had assigned to the function of *Chorus*, in **King Henry V**.

Shakespeare was no mere dramatist. He has been a scientist in the truest sense of that term. Ah, but, as Shakespeare’s mind understood such matters, still, centuries later, for me, today. Therefore, you, standing, or sitting before me, at this moment in world history, must comprehend the actually intrinsic meaning of human immortality. Without that, there is no true comprehension of anything of serious importance now, as for him, then. As Shakespeare emphasizes in the passage which I have cited, above: it is the sense, or lack of the sense of human immortality, which is the great, dividing, moral principle upon which all that is good in mankind, and of the individual, depends.

The excerpt from the passage in **Hamlet**, to which I have made significant reference above, goes directly to that point. There is no plot in that drama, excepting that which I have emphasized in my citation from that address. That, and nothing different from that, is the essential meaning of mankind's existence within our universe. The lack of that, as the case of **Hamlet's** Act III soliloquy, encompasses, in a meaningful manner and degree, the essential meaning, in practice, of the moral apprehension of that which arises above (or, falls below) the essential standard required for the human individual, and for the human society. That which fails to measure-up to the standard which I just identified, once again, here, is a walk along the pathway to which is Hell, for both the life and the mortal death of the human individual, and the human species, therefore.

The principle is, by name: the intrinsic immortality of the individual human soul. All else, were merely dirt, or worse: like Wall Street's ugly rabble.

### ***Now, Having Said That Much***

What, then, is the manifestation of that sacred human soul!

For that form of the question, I have a readied response: an excellent response, in fact.

There are two, tightly integrated notions of science which do, in fact, bring us to an intellectual (and, also, practical) true insight into the remedy for the affliction I have just referenced, immediately above. These are, by example, rather than limitation, two conceptions which go most efficiently to opening any discussion of this matter presently at hand, here.

These two, are Classical artistic composition and physical science. Treating these two, as being separate in their function, is the symptom of the systemic idiocy of present-day custom, an idiocy running throughout, in particular, Europe and the United States. Those two, rival considerations, will be most sufficient for the tasks which I am evoking, here. The essential requirement for any competent notion of science, forbids the customary dichotomy of education in so-called "modern art" and (actually) physical science.

To call attention to the core of the error which I have (immediately) presented for study, here: it is best approached by exposing the inherent, scientific fraud perpetrated by the suggestion that physical science must be predicated in an elementary way, upon the kind of mathematicians' delusion, as typified in a truly most

disgusting way, by the case of the moral degenerate of his own times, Euclid!

Saying that, and insisting on the clear authority of what I have just spoken, in this immediate location, presents us with direct access to understanding the systemic fraud of all Euclidean dogma: a fanatical form of radical perversions, which represents a fanatical passion for the corruption, even the destruction of the human individual soul. That doctrine, in particular, reflects, directly, an intrinsically atheist's denial of the actual existence of that human soul whose very existence defies the principle of the merely animal kingdom: it is a prescription for the murder of the individual human soul. A virtual Wall Street perversion, a virtual imperial Roman, or, a British-Dutch, imperialist abomination.

Shocked? I have committed not even the slightest margin of error here, on this account!

Permit me to leap from that launching-pad, to a modern scientific proof of the principle which I have just identified, here, above.

### ***Classical Music & Actual Physical Science***

Compare the work of Johann Sebastian Bach, as illustrating the actually, physically-efficient backdrop for any actually competent notion of physical science. That case is readily illustrated by the relationship of the work of Max Planck and Albert Einstein, as contrasted to the explicitly Satanic characteristics of the very dirty mind of Bertrand Russell. The followers of Russell, in their practice, had joined the camp of the actual Satan.

The basis in evidence for my foregoing remark, is beyond rational objection in physical science, or pretty-much everything. One excellent choice, among others, for clarifying my warning on this account, has a crucial importance for physical science, and, for a Classical musical composition derived, most perfectly, by Johann Sebastian Bach.

In particular, on exactly that specific point, is most useful for the introduction of the broader and fuller illustrations of this subject-matter, as I choose to do so, here.

The notion that physical science could be premised on mere mathematics as such, is a foolish, even evil misconception of man's existence in the universe. Bach's development of the empirical demonstration of the principle of counterpoint, defies all reductionist elementarism in the treatment of physical science. The evidence is now clear to able scientific minds: mathe-



EIRNS/Joanne MacAndrews

*“True artistic composition and valid physical composition, are two, complementary phases of a universal process. . .,” LaRouche writes. Shown is the Schiller Institute-sponsored performance of Mozart’s “Requiem” in Boston, in honor of President John F. Kennedy, Jan. 19, 2014.*

matics *per se* is not a competent practice of actually physical science. Johannes Kepler, the greatest student of Nicholas of Cusa on this account, made the point which I emphasize, here and now, clearly.

First, now, I shall presently divide the continuation of this argument into what appear to be two distinct approaches to the intrinsically problematic use of mere mathematics for the actual application of a truly modern physical science.

Bach was right, and Bertrand Russell was a person to be rightfully shunned by even any self-respecting swine. He was, and remains so, in whatever immortality might still linger as tattered elements of his access to the category of an actually human soul. Pragmatic people, are generally inclined toward shameful characteristics of that sort; Russell, differs little from others, like Friedrich Nietzsche and the modern fascists, such as those Hitler followers now rampaging in strategically crucial regions of Ukraine—in the common extremity of deprav-

ity shared with an Adolf Hitler or a Bertrand Russell, or lackeys of Russell, such as Prescott Bush.

What Bach accomplished, with assistance from his leading followers in his own genius, was to demonstrate the inherent incompetence of a reductionist’s misconception of the role of *mathematics-per se*. Bach’s systemic view, was, and is, intrinsically scientific. The numerological reductionism of swine such as Bertrand Russell (and of his present-day followers), is systemically anti-scientific. The microcosm of the actually modern physical experimental achievements, has no toleration for an actually physical reality: truth is expressed, in effect, in the micro-relations of physical science, not in mathematical reductionism of such as Russell’s or comparable intellectual types (whether in, or out of the “physics” manuals.) Microphysics settles that argument conclusively. So, in fact, does stellar evidence.

True artistic composition and valid physical composition, are two, complementary phases of a universal

process: a process which, ultimately, makes no sense in practice, unless the mated union of the micro- and cosmic-dimensions of practice are conjoined as in a single-experienced universality.

### ***Why Mathematicians Are Often Immoral***

The case of the related work of science by Nicholas of Cusa, is a properly identified keystone-of-reference for all actually competently practiced physical science, presently. All competent physicists recognize that, some explicitly, others, only implicitly. The two choices implicitly tend to converge. Those swine, the so-called “greenies,” do not; they are, in the effect of their practiced existence, the herds of swine cultivated by the British monarchy’s Zeusian fanaticism. Let them peacefully roll among the excrement of their intentions, and, let us hope that that fertilizer may descend into its peace, all the while to some usefully fertilizing effect for honest mankind.

That much said, this far. Turn our attention to the purpose of the existence of mankind: the realization of the intention of human personal immortality.

The human mind and human brain, must not be confused with one another.

No animal species has ever demonstrated (as a species) the unique difference of man from beast: of faithful from fauna. The distinction falls under the category of *the noëtic principle* which is unique to the human species. This lies not in the brain as such; it uses the human brain, on which it depends for the nourishment of the animal soil into which the seeds of noëtic abilities (unique to the human species as such [on Earth]) have been inserted. The remarkable feature of that relationship, the cohabitation of mind with brain, is such, that the mind, which is the product of that relationship, survives as a product of the relationship, even long after the demise of both the brain and its embodiment were long-deceased. This is, the convenient view of the origin and existence of the individual soul.

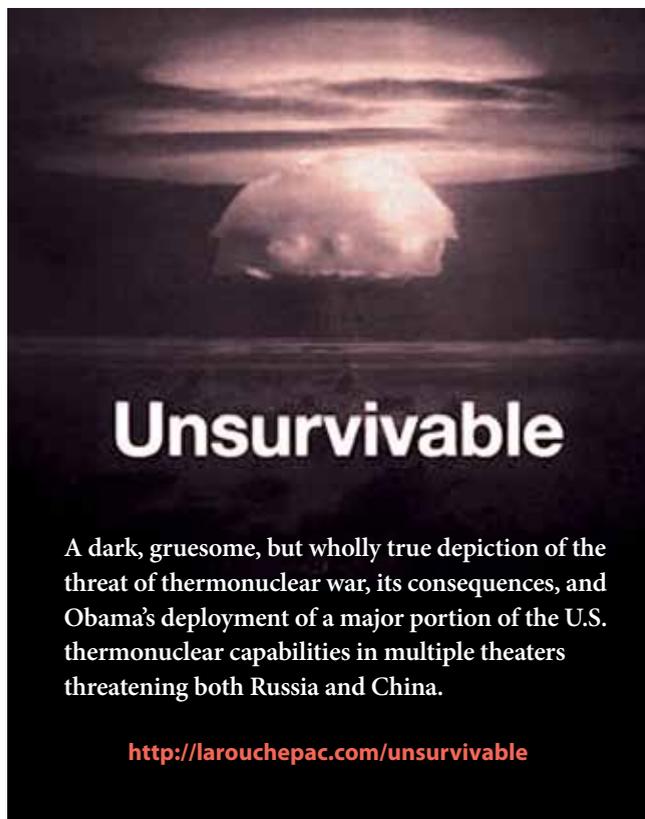
For convenience, let us consider the cases of Max Planck and Albert Einstein, as useful choices of models for reference. The key to interpreting such bio-mental relationships, is lodged, in its conceptualizable notion, as what are aptly identified in practice, as universal physical principles, which, despite the mortality of the discoverer of a universal physical principle, persist as a noëtic force in society, still: even when the brain of the deceased had been long extinguished. Such discoveries distinguish the human species from all other species presently known.

Those, who lack that comprehension of the soul within them, had settled the question: they are as if, already, morally dead, and, are merely dead heirlooms, as such: by adopted profession!

The history of physical science’s practice, has been always a Promethean affair.

Man’s power to improve, voluntarily, expressions of the infectious qualities of the souls of those whose bodily expression lives on, like haunting shadows in the dusks of memory, as the fruit of human noëtic process: a means, by which young minds, harvest the promise made by minds from the past: the accessible aspects within our Solar System, as shown by the experimental evidence, on the Moon, of the Sun’s characteristic product, Helium-3.

It is human noëtic potency, so expressed which is the concomitant of the human soul, a soul, departed from the body out of which it had begun, to move on, in a community of such souls. It is to capture the implications, which the underlying moral principle distinguishes as the human soul, rather than from the beasts, and the human souls are to be enabled to reach toward the heights of realization of a divine intention within the existence of the once-living human species.



A dark, gruesome, but wholly true depiction of the threat of thermonuclear war, its consequences, and Obama’s deployment of a major portion of the U.S. thermonuclear capabilities in multiple theaters threatening both Russia and China.

<http://larouhepac.com/unsurvivable>

LAROUCHE WEBCAST

## Financial Collapse Drives British Push for WWII

Lyndon LaRouche's Feb. 7 LaRouchePAC [webcast](#) opened with a question from Washington, D.C., read by moderator Matthew Ogden:

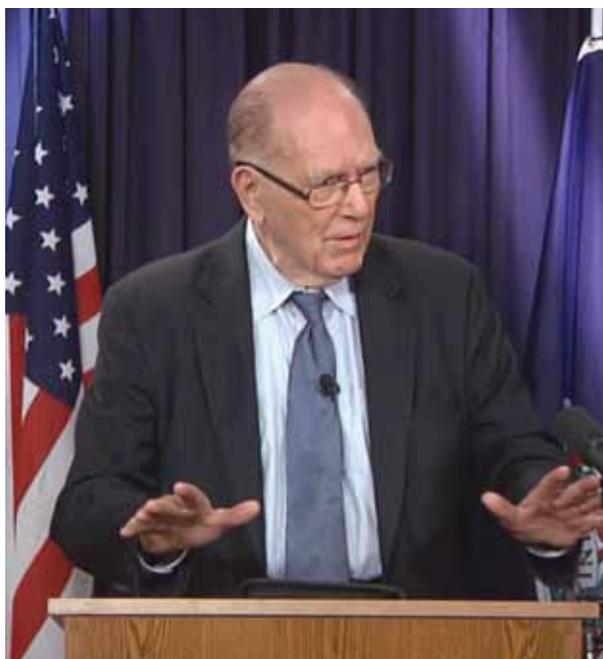
"Mr. LaRouche, recent events underscore that we are in the midst of a continuing financial crisis and that the latest manifestation, following the tapering of the Fed's quantitative easing policy, is currency collapses in some emerging-market countries. These recent events have once again encouraged a debate regarding the actual health of global financial markets and the global financial system. What are your thoughts on this situation?"

**Lyndon LaRouche:** Well, the economic situation is dire, but this comes in the context of the danger of a thermonuclear war which, on the present schedule, could come within the remainder of this month. What is happening in the meantime—and this leads to why it happened this way—is that the fact that the British monarchy, which controls our President, Barack

Obama—essentially, he was brought into the Presidency through British circles and a hell of a lot of drug money passed in order to get him elected. And it came from London; it came from those quarters.

So what happened is, now, a countdown has been rigged; it's in process now. And the countdown is a showcase in the area around Russia, and areas adjacent to it. What has happened is, the whole world in this process has been divided into two major dominant regions. One is the trans-Atlantic region—that part of the world is going bankrupt. It's on the verge of an absolute chain-reaction collapse right now. It's just a question of what day it will be, or what week; it's that close. The U.S. system and the continental Europe system are hopelessly bankrupt, and they're about to have the biggest crash in world history. And this has driven the situation to the point of world war, thermonuclear world war.

The danger here is, that the economic issues and the military issues are coinci-



Lyndon LaRouche: "Once you have a developed mind, and the ability to create noetically with that mind, you become a human being."

dent, they're interlocked: You cannot separate the economic problems, the economic crisis, from the threat of a thermonuclear crisis. In the meantime, you've got to think always in the background: What is happening now is, you have two parts of the planet, which dominate the entire planet, as a global system. Other people who are not in the mainstream, shall we say, of this process in a crisis, are drawn into it inevitably; they can't escape from it. We're all in the grip of the same crisis; some more directly, some more actively, others will be victims anyway. So that's our economic situation. It's actually a military situation; it's a strategic one.

### A British Stooge as President

So we have these two forces: the force of the bankruptcy of the United States—and it is ready to go bankrupt; the British Empire is also ready to go bankrupt. Now at the same time, we have a stooge for the British monarchy who is the President. He's now in the process of his second term of office. But he was never really a President of the United States; he was a stooge put in there in order to give him the power of the Presidency as it is now misdefined, and to use that power through his mouth to impose things on the United States that would not otherwise have occurred unless he, as the mouth of the Queen of England, controlled the situation.

Now to understand the economic crisis, you have to understand the Queen of England. You may recall that you had a Copenhagen conference some years ago, and the Queen came out of that conference, and since then, her object has been expressed publicly: the intention to reduce the human population from 7 billion people, which it had been about that time of the Copenhagen conference, and now she's headed toward 1.

And you see the President's policies toward the unemployed since Jan. 1: the plan is for an accelerated death rate for the citizens of the United States through the elderly and through the unemployed or the unemployable.

And we have a great amount of the population of the United States among the younger generation, the under 25-year-old generation essentially, who have no economic future as a group. There may be individual exceptions, or a few dozens here and there and so forth, but there is no hope. This is the policy of the Queen of England, and he—the President—was a stooge brought in with British drug money, and their track is known, and by this manipulation, they got this fellow into the Presidency.



White House/Pete Souza

*Obama plays basketball while the British Empire, through Wall Street and the White House, destroys the United States.*

Now he does not think. He spends much of his time each day, when he is not dragged into something else—there is a little area between the family side of the White House and the public side of the White House. Now there is an office there, a small office which is between the two branches. In other words, you go through this small office, which is his personal office, where he plays basketball. So now what's been happening all this time is, the policy of the British Empire, which had been conducted into the United States through two agencies: the British monarchy and Wall Street. So therefore, we have now a depletion of the means of existence.

Now this has had a penalty. When you start to shut down economies, you're not going to get prosperity; you're going to get bankruptcy. So you've got this great build-up through the British Empire's part, of Wall Street. And they've shut down everything that's real, and they've got a hyperinflationary program. They have

never spent much money, Wall Street has never really spent money for something. They've accumulated a hyper-growth of storage of nominal money. And the quantitative easing process has been the key mechanism.

And it's all been done in this way under Obama, who is now going into about five years of his terms of office. He never was a thinking person; he never sought the Presidency as such. A lady who is an American, who had been a British agent, came into the United States, went to areas like Chicago and hauled him into becoming a political figure in the United States. A lot of this was done around Boston, at Harvard University. He was stuck in there by a big drug funding, coming across the Mexican border, for example. And we see his whole administration in that character. So he has not actually been the thinking President of the United States.

We had the little joker who was in there before—two terms of office—Bush. Bush could never think, he was probably drugged up fairly well, and that's a whole story in itself. But you had a nominal President who was not really a functional President George W. Bush, Jr.

Now we have another guy who's a clown, who is not really a President. He occupies the office of President in name, and the people who hold him like a marionette with strings, and they move his mouth, and tell him when to shut up, too.

So you're dealing with the British Empire, not the British kingdom: The British Empire has been controlling the United States since the ouster of Bill Clinton. And that's over three terms of a President in office, and a lot of bad things have happened. It wasn't really good before, since Bill Clinton was framed up; but since that time, the hope of a recovery of the U.S. economy is gone. In other words, the frame-up that was set up around Clinton—and I was involved directly with Clinton and involved in the Russian side of the thing at that time. I was playing a keystone role between those two points of reference at that point. And I saw personally exactly how Bill Clinton was set up. He was framed; he panicked and was framed, but it was all a set-up; it was nothing he invented. He walked into it, and didn't handle it properly. But it was all set up, it was set up by people in the United States and by the British monarchy. The whole business was set up by the British monarchy and by a high-ranking institution of British intelligence. They ran it, and they ran the leadership of the Republican Party at the same time.



White House

*"The British Empire has been controlling the United States since the ouster of Bill Clinton," LaRouche stated. Clinton is shown here during his 1997 State of the Union address.*

### **The Clinton Frame-Up and the End of Glass-Steagall**

So, that's where we are. It didn't happen yesterday. It happened when there was a crisis in the Russian finances. The place was about to break down. I was in Russia at that time, and I was invited to a meeting held by leading figures of Russia at that time. We had it in Moscow, and the question was, my advice—as expert advice—on how would they deal with the crisis they went through. And at the conclusion, they were all enthusiastic in adopting it. And the point was, they wanted to know what I would do with the United States. They knew I was on very friendly terms with Bill Clinton. That was in August.

So, Bill then, looking at what I had reported, recognized that there was a solution to this mess for both the United States and for Russia. This would not only be an economic thing as such, it would be a new force of growth in the world economy, by taking a sector from the Eurasian part of the world to the European, or trans-European part, into the United States. It would have worked. And what was done, that operation on Bill Clinton, against him, was set up by primarily British intelligence, at the highest level of intelligence services. Secondly, the Republican Party leadership was sucked right into it. I should say, willingly sucked into it, and in more ways than one.

So from that point on, the crippling of Bill Clinton prevented a solution to the crisis which was then existing already. So that's the way the thing has worked.

Now what happened is, as a result of Bill Clinton being framed in that way—and he was framed, and I know the details. I personally know the details. I was firsthand in both sides of the question. So that's what happened. So, since Bill Clinton left office, and he left like a limp frog. And he passed, and supported as President, signed on to the cancellation of Glass-Steagall. The cancellation of Glass-Steagall, through his last term—that operation is what caused the great collapse in the U.S. economy. It was already collapsing, it was rotting away, there were many things wrong with it. George H.W. Bush had made a real mess of things.

So that's where we were. That's where the strategic situation lies today. The British intention was another problem. The British Empire was following a Green policy. Now a Green policy means that your economy is going to collapse. It means that industry is going to disappear. It means that all the high-tech things that people make income from are going to disappear. And they have disappeared in the collapse.

This so-called President, saying that there's growth in the United States: There's a cancer; that's the kind of growth it is, and he's the cancer.

### **On the Verge of Formal Bankruptcy**

Now what this means is, the British Empire, which dominates the trans-Atlantic region of the world and extends its paws into parts of things, is now bankrupt. It's on the verge of a formal bankruptcy. It is hysterical, because it knows the bankruptcy is already here. What they're trying to prevent is the accounting for the bankruptcy. They don't want it to come out and be known.

Now therefore, the policy of the British Empire—and the British Empire is really the Dutch Empire—is a problem which has been a disease over Europe, and now the Americas as well. So this is history; this is not something that happened yesterday, this is a process that has extended from the beginning of the 17th Century, when the change came. When James I came in, that was when the Dutch took over, and created a joke called the British Empire, but the Dutch always controlled it. The Dutch still control it.

For example, in the United States, what happened? How were some people assassinated? Alexander Hamilton, for example. He was assassinated by a British agent—Aaron Burr. And Aaron Burr was a professional

assassin and a British agent. He worked personally for the Queen. He assassinated Alexander Hamilton, but how did he do that? Well, the Dutch had colonized Manhattan at the same time that we were doing things in Massachusetts. So what happened is, the process was that the banks, banks in Manhattan Island, were banks of these operations, of the Dutch banks. It was the Dutch banks, operating inside the United States, because they'd been planted there in the 17th Century. These Dutch banks became the vehicles of penetration of North America from Europe. And this process converged on an invasion, the Dutch invasion into the British Isles, and the mass assassination of the Irish, and other kinds of atrocities.

What we call the British Empire today was really a continuation of the Dutch Empire. And the Dutch Empire became an empire as a successor to the Roman Empire, by defeating the Spanish monarchy, and defeating the Spanish in South America, for example. The degeneration of the original colonization of Central and South America was a result of this. The Dutch defeat of the Spanish meant that the whole Spanish-speaking area, Portuguese as well, were brutalized by this process. The destruction of South America and its economies, as well as North America, has created, under the British rule, a trans-Atlantic empire, which has extended its power into other parts of the world.

Now this empire, under the British policy, is the typical Zeusian policy: Remember the original Zeus policy was to eliminate unnecessary people, to kill all the poor people. *And that's what's being done to us in the United States and Europe now.*

On the other hand, the other part, the Eurasian part—which is very large, which includes very populous nations; Russia is still a very populous nation. China is even more impressive, much more impressive in that respect. China is a burgeoning economy; it's one of the great economic powers of the world today. Russia has all the characteristics of being able to emerge as a great power, again. India is a great power. It has difficulties within it, but essentially, at the same time, it's a great power. So, the Eurasian part of the world is now not only very wealthy overall, in total wealth, but it's also growing. The trans-Atlantic part of the world is now collapsing. It's now reaching a point of *breakdown collapse*.

At this point, what happens? An intention to have *thermonuclear war*. The trans-Atlantic region has been mobilized, it's bankrupt, it's about to collapse totally, but it's trying to make war, to save the British Empire,

and to defend the British Empire—as really the Dutch Empire—which is really a reflection of the Roman Empire, in terms of the history of culture. So, we’ve come to that point.

Now, the Eurasian part—apart from all the terrorist operations that have been run in Eurasia to try to weaken Eurasia—that’s what’s been done against Russia right now, and various parts of Asia; that’s what’s been done in the whole Arab-speaking Islamic area, has been very heavily punched by this thing, and been used as a device to try to weaken the Eurasian section.

So, that’s the situation. When you want to discuss what has been raised by this question, *that’s* what you’re talking about. And nothing less than that actually answers that question, which is posed here.

### The Intention: Thermonuclear War

What’s the answer? Well, you say we’re at war. We are in fact. The British intention is to have a thermonuclear war. The British intention to have a thermonuclear war, is governed by the fact that the entire trans-Atlantic region is about to go in the biggest bust that history has ever seen! There is no wealth, net wealth; there is no growth, no prospect of growth in the trans-Atlantic region. There may be a little bit in Germany, a little bit of that here and there, but no. Spain, Iberia? Destroyed! Most of Italy? Destroyed! Southern Italy? Destroyed! Greece? Largely destroyed! And so forth and so on. And the whole southern part of Europe is being destroyed. That was done earlier.

In this period, the British Empire was concentrating on trying to establish the Green policy, as it’s called today, over what had been the strongest part of the world economically, the trans-Atlantic region, especially the north trans-Atlantic region—the United States and what the British got control over in Europe.

So now, Eurasia is an opponent. They let them alone for a while. They went after Russia big, the Soviet Union, and so forth. But, overall, the forces in Asia are still growing, because despite the cultural warfare, despite what was done against the Islamic community, that is still there.

So, we’ve come to the point, that the British Empire is desperate. The British Empire is prepared with the last ounce of money it has left in it, real money that is, they’re prepared to conduct a thermonuclear war. Now, a thermonuclear war is not like any war that anyone has ever heard of. We came closest to it when Jack Kennedy saved us from a war of that type. Actually, real, serious,



Creative Commons/Keith Ewing

*There is no prospect of growth in the trans-Atlantic region under the British Empire’s Green policy. The entirety of southern Europe is being destroyed. Shown: a homeless man in Venice, Italy, April 2012.*

nuclear war; not yet a thermonuclear war in the true sense; there were thermonuclear aspects to what the Soviet capabilities were, but it was not really *this* kind of war.

Now we’ve come to a point where you don’t know whether your kitchen sink may contain a missile. The whole world is riddled by secret deposits of weaponry which could be set off, which would mean that any war that would occur between Eurasia—which means Russia, in particular—and the trans-Atlantic region, means that you’re running up against, on both sides, a tremendous mass, that you don’t know what’s in your kitchen sink; you don’t know what’s under the bathtub. They’ve got weapons all over the place.

So, what you do, is you set up all kinds of weapon systems, and bury them in all kinds of places, and that’s

been going on for a long time. So now you have all these kinds of equipment. They're waiting to be set off in some degree of coordination, aimed at predetermined targets. And, this is the system. And the only way you can fight a war between the two sections, the trans-Atlantic region and the Eurasian region, is that. Any idea of trying to *win* this war—and what's going on now, is that the British Empire, using stooge Obama, that is what the danger is.

And the operations in Ukraine, are intended *to start World War III*, thermonuclear World War III! Anybody in Western Europe or the United States, who is proposing a war against Russia, or takeover in Ukraine, is going to ensure, *ensure*, a global thermonuclear war, from which the probability that within about a day and a half of such a war, *there may be almost no one left living on this planet*.

But the British don't care! It's a Zeusian tradition, as you get from Aeschylus, in the account of Zeus, and as you got in the whole history of the oligarchical system throughout the world. Now, the oligarchical system is such, that they are going to extermination warfare. Therefore, there is no kind of war-fighting that any sane nation can engage in, in terms of this kind of warfare, thermonuclear warfare. The engagement of the trans-Atlantic region on the one side, and the Eurasian region on the other side, means that any war that breaks out between those two forces, means the general extermination of the human species.

### **What's Your Peace Policy?**

So therefore, what's your peace policy? Peace policy is to take the capability of launching such a war, out of the hands of the British Empire. Because China does not want such a war. They have no motive for it. Russia has no motive for such a war. India has no motive for such a war. Why would they want to fight a war? They don't.

Well, why does the United States want to fight this war? Because there are traitors to the United States. There's no reason for the United States to go roaming around in Ukraine, trying to start a world war in Ukraine. There's no motive for that, that makes any sense. But you have a bunch of clowns who don't care about reality; they have their own narrow, stupid ideas. They're brainless idiots, in effect.

And therefore, What we need is a "preemptive peace." And my view is this: We in the United States, if we had our own President, rather than this stooge, this

British stooge, that's stuck in there as a substitute; 60-80% of the American people want no part of Obama. They want no part of his policies; therefore, they want no part of Obama. But we have a broken-down people, a discouraged people. In World War II times, my generation—I'm of the World War II time—they would never tolerate this crap! Never!

But you have a bunch of young generations who haven't been fed properly, they have not been educated competently, they have no clear sense of identity, they have a surrogate game-playing sense. They're playing games all day! This "Thumb Game" that you get among young people out in California—these people are mentally disturbed! It's not their fault. It's the education system they're subjected to. And the education system in the United States, has degenerated at an accelerating rate. How can you blame these young guys, these young people, for their bad behavior? Nobody's raised them up. They're largely fed, encouraged on drugs, on all kinds of habits, they're not capable of taking care of themselves, not in any real sense. So therefore, that's what our issue is.

So therefore, if we can, shall we say, clear things up, let the people of the United States know that they're hopelessly bankrupt, but that we intend to do something about it. And we say, "We're not going to have this war." What we're going to do, is we're going to send a message over to Putin, to the Chinese, and to others: "Okay, let's cut the crap out now!"

### **Shut Down Wall Street!**

Now, in the process of that, it will be necessary to shut down Wall Street. That's not a problem: We have a law waiting to be reenacted, called Glass-Steagall. If we implement Glass-Steagall afresh, and shut down Wall Street, we can create Federal credit, just as Alexander Hamilton prescribed the method. His three cardinal principles of government, and economic government, as Treasury Secretary of the United States, and others after him who had the same idea, we'll do that. That's our deal. That's what we're going to do; will you agree with it?

We have to get Obama out of there. That's easy: 60-80% of the people want no part of him. The sentient members of our adult population want no part of this clown! They know they don't want any more of what he represents. They're starving to death, they've been cut off from *all* support. They're actually being *murdered*, by Obama! They have no recourse to means of existence!



Presidential Press and Information Office

*President Putin, speaking to the Council for Culture and Art Presidium, Feb. 3, 2014, said: “Culture is an immense integral phenomenon that transforms individuals into a people and nation.”*

I suggest very simply, the solution is elementary: Excommunicate Obama, and do that as a part of his expulsion from office. Because he’s some kind of a heathen, whatever it is, we don’t want it!

But that’s what the solution is. If we recognize that we have no reason to tolerate what our government is doing, by kissing the rear end of the British Queen, which is not a very tasteful move, then we can tell the people out there, who are desperate, that we do have a means in our tradition as a nation, as a republic, in our Constitution, we have the means to start regrowth of this economy: Eliminate the payments of these parasites, these suckers, who are sucking the blood of the nation!

*Wall Street: Shut ’em down! We don’t need ’em! They’re thieves! We’ll go in there like—you know, pick ’em over; what’s there, we’ll take it back. The rest of it, we’ll say, “It ain’t yours any more. You didn’t earn it.”*

The fact that you have a system, which is a money system: What about reality? What about value, real value? Paper values? Forget it! Paper values? Hey, guy, these are fake! There’s nothing in there, there’s nothing physical in there! There’s no health care, etc., etc.

So all we have to do is shut down Wall Street, which is a Dutch trick, a dirty Dutch trick. And just say: Okay, we’ll go back to Franklin Roosevelt’s method. Last shot, Franklin Roosevelt, and do the same thing he did. The first thing is, shut down Wall Street. And if we decide we’re going to shut down Wall Street, don’t play any of this fake constitutional stuff; it’s not constitutional. Wall Street is very bad for your constitution.

But that’s where we stand. That’s what the issue is now, that’s the reality. The only solution, for victory, is peace!

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## Science and Art

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*The final question of the webcast was read by co-moderator Megan Beets:*

“This year, 2014, marks the official Year of Culture in Russia, and in a recent speech at the Presidential Council for Culture and Art Presidium in Pskov, President Vladimir Putin made the following comments: ‘We need to educate a new generation, cultivate in them good artistic taste and the ability to understand and appreciate theater, drama, and music. If we went about this the right way, probably we would be able to avoid tragedies like today’s tragedy in Moscow. [He’s referring to a school shooting.] We need high-quality, serious theatrical performances for children and teenagers that will introduce them to Russian and world classics, and teach them to think, empathize, and believe in the power of good. . . .

“‘Culture is an immense integral phenomenon that transforms individuals into a people and nation. We all realize the tremendous part that culture plays in developing our country, strengthening its influence and reputation in the world, and preserving its integrity and national sovereignty. After all, without culture, what sovereignty can we speak of, and what would there be to fight for? Culture and education are the elements that form our country’s human capital and are part of our historical code and national character. This is why state cultural policy must cover all areas of life, help to preserve traditional values, deepen our spiritual ties with our native land, raise trust among people and increase their responsibility and participation as citizens in developing our country.’

“This past Wednesday in the discussion posted on this website [<http://larouchepac.com/node/29738>], you commented that it’s the separation of a scientific education from its true source, Classical art, which has done the greatest damage to our people’s ability to think and to understand what the human mind is. It’s damaged our ability to make new discoveries, and has replaced it with what you’ve referred to as an ‘animal training program of repeat after me.’

“In contrast to this, you have put forward the example of someone who didn’t have this issue, and that

someone was the great strategic thinker and the great scientist William Shakespeare. So, I'd like to give you a chance to respond to President Putin's remarks, and also to elaborate on why you're telling us that Shakespeare is one of the greatest strategic thinkers among us today."

### **Creativity vs. Euclidean Geometry**

**LaRouche:** Well, all these questions come under one great issue, that mankind is not an animal, but, mankind is being educated as if he were an animal. Mankind is being treated socially as if he were an animal. And mankind is not an animal.

The difference is what's called creativity. Now, for most people in the educational system today, as a result of that educational system, very few people understand the principle of science. For example, all modern science of any competence, depended upon two great figures of the Renaissance period, Cusa and Brunelleschi, the older figure, who invented physics! He built a great cathedral; it was the first miracle of this type ever created. I've been there, I know it, I've seen it again, and again, and I've admired it, and studied it! I've worked with scientists in understanding what the accomplishment was. He was the greatest genius. He changed all kinds of conceptions of physics and so forth, all the bad ones, the ones I used to *hate*. Like Euclidean geometry, the crazy geometry that's taught in the schools. It's for idiots, it's not for human beings! It's not scientific, it's junk. Euclidean geometry, it's garbage! It always was. It never had any scientific merit whatsoever.

For example, I was about the age of 14, and I used to visit with my family, we'd go over to the Charlestown Navy Yard, on the outskirts of Boston, and I went there a number of times. And I'd seen the *USS Constitution* at bay, again and again. I was 13, 14 years of age at that time, so I enjoyed the *Constitution*, I thought it was great, but we were unable to take it out; we're not able to go out with it; you're not able to experience anything with it. So I looked at other things.

And now, I happened to be, not so coincidentally, in a period in which there was the transition from iron and brick construction in cities. We had come to a new phase. We were now in the age of skyscraping structural steel. So I would go over and study this structural steel and compare it with the iron and brick construction. And I would made a number of visits, three or four visits there. And I realized what I was looking at.

Now, I didn't know anything about Euclidean geometry as such, I didn't know that the name Euclidean

geometry existed. So, the first day of this class, the teacher, who happened to be a friend of my mother's, asked, "Who knows what geometry is? Any of you got an idea what geometry is?" I said, yeah, sure. She said, "Okay." So I had to explain this process about the structural steel, in which you have to compensate for the part of the steel that is actually useful in supporting the structure, as opposed to iron rod, and you have to realize that you must not have all that weight; you must discover how much of an area of steel you actually require to do the supporting the job, and what part is just weight that is going to increase the burden.

So I saw this in the form of the punched hole steel structure; I saw it in terms of the cross wires which approximated, and so, I said, that's it. This, to me, is the principle of geometry. It has to be, because it's the principle of construction.

And, boy, did I get really beaten up on that. "No!!! That's not what Euclid says!" I said, "well, Euclid's an idiot!" Which he was.

And this was my experience in terms of finding exactly how I resolved what was going on. Because the problem we have in society, is that people in the education process, even in my age, and it's much worse now; education in public school systems in decent parts where the economy is stable, it's worse than ever. Children, teenagers and so forth, university students are worse educated in this time, than they were in mine. People of my generation were geniuses compared to what you get as college graduates today! That is a fair statement. No exaggeration whatsoever.

You look at the educational program, the basic problem here, which is common to both then and now, is that what people think they know is based on the presumption that they're given tests on various subjects; they're preconditioned to receive these tests. And if the teacher says something wrong, well then the teacher will mark you down, for supporting a position they don't agree with. And this is not done on the teacher's volition, it's done by the *system* of education. So the system of education prescribes these methods of "right" question and answers. And you're supposed to guess what the right question is. And you're graded then, and rated, on the basis of whether you agree with what you're taught or not.

This was bad then. It's much worse now.

Public opinion now is much more ignorant, it almost makes monkeys look smart the way the education system works. So that essentially is the key part.

## What Does Science Mean?

So the problem is, what does science mean? Then you get into the *real meat*: When you start from this kind of exploration, realizing why you're right, you know you can prove it physically, experimentally, but the teachers tell you it's wrong! And they insist they'll grade you and they'll teach you, and they'll try to drum it into your head! Well, I was a very stubborn character, I didn't like that kind of stuff. I would drum back!

But what the demonstration is, you say, "Wait a minute—they're saying mathematics is science? I've just seen the mathematics in this classroom; I've seen mathematics. It ain't true! It's not true. [Science is] *not* based on numbers!"

Well, the short of it, as you were referring to, is the fact that mathematics is not science! Mathematics is a cheap imitation of science, it's not science! And other considerations are involved.

What you see is, when you look at the mind of man—and that's what I look at, and I'm a great lover of Classical musical composition. I've lived on it; I've dwelled on it; I devoured it! I pursued it! I sought it out where I could get it! And I know something about science. And then, when I compare that with Shakespeare? Shakespeare was a scientist, he was not a playwright! Yes, he was also a playwright, but he knew how to put some *stuff* into the play! Which is something which most playwrights don't know how to do. That's why you get the *crap* in music, and the *crap* in drama and so forth that you have in the public area now.

Because we don't realize, you can not separate the *passion* of man from what you want to call the knowledge of man. And Shakespeare demonstrates that, he demonstrates that in his *insight into history*! Why can't monkeys invent? They may invent sometimes, but you don't want to be around at the time, if you know anything about monkeys. Now, the gorilla, that's a different case; the gorilla is very polite; he doesn't ask for sex until his wife beats him up. Very gentle guy—amazing, this big brutish guy, is a very gentle kind of animal, the big mountain gorilla especially.

But the issue is, what is humanity? Well, humanity is not an animal. The mental process is divided into different parts. You have the function of the brain. Now all kinds of things have various approximations of brains. Plants almost even try to develop an approximation of that, the way they function, but it's mostly tension, biological tension.

But in mankind, it's different. In mankind, take

people like Max Planck and Albert Einstein, outstanding, well-known names. What's different about them and a piece of crap like Bertrand Russell? And the students of Bertrand Russell, who are all a pain in the neck, or other parts of the anatomy, if you prefer? You realize there is no separation between man's particular kind of creative passion—and I'm speaking creative—and what makes man different than an animal. It's something which we call, in many ways, spiritual. But the spiritual is something vaporous, something which is "not real," it's vaporous, it's mysterious.

Well, it's not mysterious. It's only mysterious to the ignorant. And our job is to develop a society in which ignorance is cured. It doesn't mean a perfect cure, because you always have to progress: But that's the point! What do we mean by progress in knowledge? We mean the discovery of principle. What did Max Planck discover? What did Einstein discover? They didn't discover how to deduce something. They discovered a principle which was previously unknown, and they were able to test whether or not it was a known quantity.

Mankind is not an animal. Mankind as we know him, first as mankind, as we can prove archeologically otherwise—mankind was cooking his lunch. Animals don't cook their lunch, they don't use fire as an instrument. Mankind are Prometheans, not Zeusians. Zeusians don't allow fire to be used by people. Only Prometheans permit fire to be used, as an instrument of man.

## Fire, Chemistry, and Human Imagination

Now what is it we mean by fire? Well, we mean chemistry! And chemistry is not a fixed system. The universe is changing all the time, it's evolving to higher states. But the animal can't do that. The animal has no knowledge of that, but the human being does.

So you have people like Cusa and Brunelleschi. They were exemplary of a new generation, a new culture, coming out of a very dark period of man's past. *They created modern science!* And they didn't believe in deduction. And that's the difference.

Because when we educate people properly, we realize that mathematics does not have anything to do with passion or with principles of science. What they believe in is a dead man; they are like the victims, the pupils of the schools, where the teachers set down the rules, and you're graded on the basis of whether you happen to be the lucky one who thought what the teacher wanted to hear! Then you got a good grade; if they didn't like that, you got a bad grade. And that's the way this thing works.

So the system of society is actually, we're treating people like animals, when actually creativity is located within the ability of the individual to make a discovery of a *principle* of nature, and that's chemistry! Mankind operates on the basis of chemistry. It's called *fire*! It's the Promethean force of fire! And by fire, you rise to higher and higher powers of chemistry. And many chemists get confused on this, because they get so trapped up with what they can do, they forget about *discovery*. But everything that was done in chemistry came about as a *discovery*! A creation of the human mind, of the human imagination. And the ability to criticize your imagination and to determine by testing whether this thing you call a principle is true or not, you test it.

Now many chemists don't do it properly, but the intention in the system of chemistry is there. Mankind is the fire-bringer! He's the Promethean, the fire bringer! And what he's doing is discovering new, higher forms of fire, like the application of helium-3 to the process of creating a superpower of power for mankind per capita on Earth.

And as long as you believe that mathematics will teach you that stuff, you're an idiot. You may not intend to be an idiot, but you're educated to be an idiot, because you didn't do the one thing that's the difference between man and the beast. The essential difference: What is the spirit, the creative spirit? No animal has ever been able to actually discover a principle. Whatever principle they have is built into them biologically.

But the human body has two crucial points. One is the human brain; the other is the human mind. The human mind is the product of the noëtic process operating on the brain. So therefore, when you die, if you're a scientist, you're dead. You're silenced, your body no longer functions, it goes away, disappears. But then, when you look at the case of Max Planck, or Albert Ein-



*"All modern science of any competence, depended upon two great figures of the Renaissance period, Cusa and Brunelleschi, the older figure, who invented physics! He built a great cathedral; it was the first miracle of this type ever created." This statue shows Filippo Brunelleschi (1377-1446) looking upward at his beautiful creation, the dome on the Cathedral of Florence.*

stein, or Nicholas of Cusa, or Brunelleschi, or Kepler, or Leibniz, you see a process of discovery, and no animal ever made a discovery, a discovery of principle.

What happens is, once you die, if you're a creative person, you achieve what is called immortality, because what you have done, you have given others around you the experience of making discoveries. So instead of trying to learn how to respond to predetermined behavior, which is what the stupid student does in the school to get an A grade, you then become fascinated by the process of discovery, which is located only in the human body otherwise. The human body biologically is necessary to support the function of the human mind, even to give birth to it. But what remains, is immortal, and it's *true* immortality, as many people have understood it.

Immortality is the immortality of what we call the soul. It's something which is associated with the *mind*; it's associated with the body in the sense that you don't develop the mind without the nourishment of the body.

But once you have a developed mind, and the ability to create noëtically with that mind, you become a human being. The problem is that we bestialize people, we bestialize them by—you know, talk, talk! By saying fact, fact, fact! But no "fact" is true!

No fact ever existed that was true. Because always, in every case, in every generation, every part of mankind, something is changing, and what was true yesterday is no longer true, because something new has come into being. And it's the process of coming into being, at a higher organization, as opposed to the deadliness, the Satanic quality of deadliness of the Green policy: That's the difference! It's *creativity*! And you can never reduce creativity to mathematics. As a matter of fact the reliance on mathematics in physics, is bad.

## LaRouche Warns: Remove Obama To Stop War of Extinction

by Jeffrey Steinberg

Feb. 9—Lyndon LaRouche has reiterated his warning that the world is on the edge of possible thermonuclear extinction, and the only guaranteed war avoidance policy at this late date is for the U.S. Congress to begin immediate impeachment proceedings against President Barack Obama. Obama has committed a series of impeachable crimes, including illegal wars, violations of Constitutional rights of American citizens, and trampling on Congressional authority in violation of the separation of powers. However, the main reason that Congress should be compelled to oust the President by Constitutional means is that Obama is a tool of the London-Wall Street financial oligarchy, and as long as he remains in office, these Anglo-Dutch forces maintain their finger on the American nuclear trigger.

It is precisely this Anglo-Dutch apparatus that is driving the world to confrontation in Ukraine, in the Persian Gulf, and in North Asia. Any one of these crisis spots could provide the trigger for a general war, leading to thermonuclear extinction. The entire Anglo-Dutch financial and monetary system, as LaRouche has repeatedly warned, is bankrupt beyond repair. That process of disintegration has now entered a breakdown phase, with the U.S. Federal Reserve's attempts to scale back the hyperinflationary policies adopted back in 2007, and continued unabated under a series of "quantitative easing" binges.

Even as the Fed has cautiously begun to "taper" the

\$85 billion a month in bailouts to the biggest and most vulnerable Wall Street and European banks, a backlash of capital flight out of emerging markets has already begun. Last week, a Bank for International Settlements (BIS) staff report warned of the dangerous consequences of this reverse-leverage capital flight to presumed safety in the U.S. dollar. An earlier IMF report warned that the burden of indebtedness in the advanced sector is the greatest in 200 years. All of this spells near-term doom for the entire global financial system, a blowout collapse that will hit with the most devastating impact in the trans-Atlantic region.

It is this imminent breakdown crisis that is the primary driver for general war. The Anglo-Dutch circles in London, on Wall Street, and in the upper echelons of the British royal establishment are hell-bent on preserving their power amidst this collapse, and they see war as the best option.

### **Russia, Putin Targeted**

The most dangerous flashpoint is the targeting of Russia and its President Vladimir Putin. Western powers are overtly backing a neo-Nazi insurrection against the legitimately elected President of Ukraine, Victor Yanukovich, after he rejected the European Union's Association Agreement in November 2013. Ever since that time, hardcore neo-Nazi gangs have run rampant, staging violent takeovers of government buildings and threatening a civil war. These networks

trace their roots back to the ultra-nationalist Bandera movement of the World War II era, which allied directly with Nazi Germany and carried out mass murders of Jews, Poles, and others.

One need only look at the strategic map of the Black Sea region to see why Putin and his top generals see the Ukraine revolt as a *casus belli*. Under a long-term treaty, the Russian Navy maintains its critical Black Sea base at Sevastopol in Ukraine. The Black Sea is Russia's access to the Aegean and Mediterranean seas, and with the ongoing events in Syria, Russia has, for the first time since the collapse of the Soviet Union, re-established a Mediterranean Sea fleet. That fleet is now participating in the chemical weapons evacuation and destruction negotiated with Syria; and China and Russia have just staged joint naval maneuvers for the first time in the Mediterranean.

Any attempt to overthrow Yanukovich and install a European Union-puppet regime committed to severing all economic and security ties to Russia, as is now going on, is a "red line" that Russia cannot and will not allow to be crossed. That is one of the primary reasons that LaRouche is warning that we could be only days or weeks away from thermonuclear extinction. A fact sheet prepared by *EIR* (and published in last week's issue) was widely circulated in U.S. government circles, including Congress and the Pentagon, and in European capitals.

Secretary of State John Kerry clearly had the threat of nuclear war on his mind, during the start of his speech at the annual Munich Security Conference Feb. 1. Kerry recalled that, as a child of the Cold War, he still has vivid memories as a school boy of air-raid drills for possible nuclear war. Despite that, Kerry has toed the Obama line in pushing for Ukraine to be dragged into the alliance with the European Union, even though such an agreement would wreck the Ukrainian economy. Late last week, an audio tape of a conversation between Assistant Secretary of State Victoria Nuland and U.S. Ambassador to Ukraine Geoffrey Pyatt made clear that Washington is plotting to overthrow Yanukovich and install a hand-picked group of opposition leaders in power. Just before the tape was leaked, Nuland was in Kiev, meeting openly with opposition leaders—including the head of the avowed Banderist Svoboda Party—just before meeting with President Yanukovich. Nuland is the wife of a noted neoconservative Robert Kagan, and she has her own credentials as a leading "humanitarian interventionist."

The Ukraine events have reached a point of explosion at precisely the moment that President Putin is distracted by the opening of the Winter Olympic Games in Sochi, Russia—on the eastern shore of the Black Sea, in the Caucasus region where Anglo-Saudi-backed Chechen and other terrorists are threatening to launch asymmetric warfare attacks. A number of U.S. Navy warships are present in the Black Sea, ostensibly to respond to any attacks on American participants in the Olympics. While U.S. Chairman of the Joint Chiefs of Staff Gen. Martin Dempsey has maintained continuous communication with Russian counterparts to coordinate security assistance, the presence of the American Navy in the context of the Obama Administration behavior in Ukraine adds further fuel to the fire.

### **Hot Spots: Ukraine, Syria, North Korea**

Ukraine is the hottest of the hotspots, but it is not the only one. While a second round of Geneva II talks will resume on Feb. 10, conditions on the ground in Syria grow worse by the day. The evidence of Saudi support for the jihadists of the ISIS and the al-Nusra Front has become so manifest, that on Feb. 3, King Abdullah issued a Royal Decree making it a crime for any Saudi to go abroad to fight or engage in terrorism. President Obama is now scheduled to visit the King in Riyadh in March.

The Syria crisis, now in its third year, will also impact heavily on the P5+1 talks with Iran, which are aimed at averting an otherwise certain military confrontation between the West and the Islamic Republic, which will also directly affect the strategic interests of Russia and China.

And in North Asia, following the execution in North Korea of the uncle of Supreme Leader Kim Jung-un, and the purging of factions that were closely tied to China, the U.S. Joint Chiefs of Staff are on alert for a provocation coming from the unpredictable DPRK regime. According to one senior U.S. intelligence source, Washington is bracing for North Korea to officially announce that it is a nuclear weapons state, an announcement that would trigger both South Korea and Japan to consider "going nuclear."

Later this month, the U.S. and South Korean militaries are scheduled to begin more than a month of joint maneuvers. North Korea has made threats against those maneuvers, and this has added to regional tensions. While the United States and China share a common in-

terest in a de-nuclearized Korean peninsula, the uncertainty of the situation has been described by Adm. Harry Harris, the head of the U.S. Pacific Fleet, as the single greatest security threat in the region. A recent visit to Seoul, Tokyo, and Beijing by Deputy Secretary of State William Burns and Assistant Secretary of State Daniel Russel was focused on pressing all three countries to back down from any potential conflict. At a press briefing following the trip, Russel linked the security crisis in the region to the global financial danger, warning that any escalation of tensions in the Pacific would have immediate and dangerous global repercussions.

LaRouche has made the point that, unless there is a fundamental change in direction, the prospects of general war—even thermonuclear war—are high. In effect, the world is already in a state of war, with the same pattern of simultaneous regional conflicts and crises as was the case between 1890-1914, on the eve of the formal outbreak of World War I. But today, the three major world powers—the United States, Russia, and China—are armed with overkill arsenals of thermonuclear weapons, many forward-based on submarines. A single launch or appearance of a launch of a nuclear

weapon, in this hyper-charged climate, could lead to a massive retaliatory strike, leading to mass extinction in a matter of hours and days.

### Only Viable Option: Obama Out

It is because of this crisis that the removal of President Obama is the only viable option to *assure* that no such war breaks out in the immediate days ahead. Obama is a tool of the British Empire forces, and as such, is a menace to the survival of mankind. As LaRouche described it, “Obama is the glove concealing the British finger” on the American nuclear trigger. By removing Obama and immediately reinstating the Glass-Steagall Act, ending the bailout of Wall Street and London’s unpayable gambling debts, the power of the Anglo-Dutch oligarchy to start a world war can be instantly ended. That, in LaRouche’s words, is strategic war-avoidance. The best efforts from the Joint Chiefs of Staff and other patriotic factions to push back against the war party in the Obama Administration and Congress, while successful to date, are not sufficient to stop the imminent threat of thermonuclear extinction. Only Obama’s Constitutional removal stops the clock.

## EIR Special Report

# The British Empire’s Global Showdown, And How To Overcome It

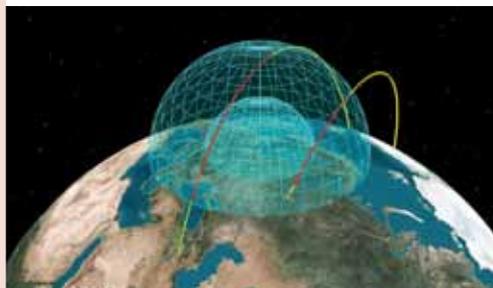
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EIR  
Special Report

## The British Empire’s Global Showdown, and How To Overcome It



June 2012

# Will Plot Against Ukraine Lead to Coup, Civil War—or World War III?

by Helga Zepp-LaRouche

Feb. 7—If our sleepwalking and disinterested contemporaries would only wake up, they would have the unique opportunity to experience “live” how World War III is taking place before our very eyes. They would be able to follow—more exciting than any crime thriller—how the official version of events is served up to the credulous public by politicians and the media, and how, under the tip of the iceberg, there lies the much larger story, which involves intelligence agents, diplomats, and gangsters of all kinds.

Insight into this dirty underside of politics was provided by a YouTube posting of a four-minute recording of a telephone conversation between U.S. Assistant Secretary of State Victoria Nuland and the U.S. Ambassador in Kiev, Geoffrey Pyatt. Nuland can be heard giving instructions about how Ukrainian opposition politician Arseniy Yatsenyuk should quickly be made the new head of the government, and Vitaly Klitschko, who is favored by the EU and German Chancellor Merkel, should be booted out, and how the whole thing should be “glued together” by the UN. With the words “Fuck the EU,” Nuland underscored her determination to impose her plans on the European Union. Someone, perhaps the Russian intelligence service, or perhaps a new whistleblower at the NSA, released the recording of the conversation.

If any further evidence were needed, here it is: that the Obama Administration is in direct control of the attempted coup against the legitimately elected President Victor Yanukovich. Several U.S. administrations have spent \$20-30 billion over about the past 23 years to break relations between Ukraine and Russia. And currently, according to economist Sergei Glazyev, who is an advisor to President Putin on Ukraine, about \$20 million is now being spent per week, including to arm the street fighters, aimed

at culminating in a coup by the whole spectrum of Nazi organizations. The support for up to 10,000 violence-prone Nazis, hooligans, and terrorist elements, and their activities beyond Kiev, throughout the country, has led to a split and the beginning of a civil war, whose pre-programmed escalation is intended to provoke an imminent intervention by Russia and thus to provide the pretext for a showdown with Russia itself. If things continue on this road to Hell, we could be just days or weeks from the third world war, a thermonuclear war, which probably no one would survive.

## Will Russia Sit Back and Watch?

Can and will Russia sit back and watch until this civil war spreads to its borders and spills over into Russia, as the *Financial Times* on Feb. 2 said it would? Will it watch as the script for toppling all recalcitrant governments with “regime change”—the policy of a British empire based on the Anglo-American special relationship—is finally applied to Russia as well? With a probability bordering on certainty, it will not.

Sergei Glazyev commented on the coup attempt newly proven by the Nuland audio, that this is a flagrant

FIGURE 1  
Ukraine



cia.gov

violation of the Budapest Memorandum of 1994, which was signed on the occasion of Ukraine's giving up its part of the Soviet nuclear arsenal, and in which the United States and Russia jointly committed themselves to responsibility for the security and sovereignty of Ukraine. Under this agreement, he said, Russia would even be *obliged* to intervene in a situation like this. The U.S. interference, on the other hand, is a clear violation of this accord.

The Azeri news agency ABC reported that the Verkhovna Rada (parliament) of the Autonomous Republic of Crimea on Feb. 19 may adopt laws that would allow the Republic to secede from Ukraine and join Russia. Parliamentarian Vladimir Klychnikov has already prepared an appeal to the Russian President and the Russian State Duma to be a guarantor of the inviolability of the status of Crimea and the rights and freedom of its citizens. Klychnikov based this appeal on the danger posed by the growing power of extreme nationalists in Kiev. Another initiator of the appeal, Serhiy Zekov, stressed the Russian nationality, culture, and language of the autonomous republic, in which many ethnic groups live together peacefully, but which could only be protected by the Russian Federation.

Given the binding nature of the Budapest Memorandum and the imminent appeal by the Parliament of Crimea, a Russian intervention in Ukraine would definitely have a legal foundation. It is part of the scenario, that this would be used in any case as a pretext for a thermonuclear showdown or worse, by the same forces who are launching the coup in Ukraine.

### **Continuity of Policy**

The policies of systematic encirclement of Russia, by the eastward expansion of NATO and the EU, as well as of regime change, represents a continuity of policy since the dissolution of the Soviet Union. Margaret Thatcher and the senior George Bush agreed at that time to the neoconservative doctrine that the world should be ruled as an empire based on the Anglo-American special relationship. With the exception of the eight years of the Clinton Administration, the U.S.



Voice of America

*Victoria Nuland's marching orders to the U.S. Ambassador to Ukraine, Geoffrey Pyatt, make it clear—if it wasn't already—that the Obama Administration is in direct control of the ongoing coup attempt against the elected Ukrainian President.*

has been governed since then by puppet administrations of this British Empire: first Bush senior, then eight years of George W. Bush, and finally, five years of Obama.

Victoria Nuland is an example of the continuity of this policy. She is married to Robert Kagan, a co-founder of the Project for the New American Century think-tank, and thus of the imperial ideology of the neocons. He was one of the propagandists for the Iraq War. Nuland herself was deputy foreign policy advisor to Vice President Dick Cheney, U.S. Ambassador to NATO (2005-08), and State Department spokeswoman in the Obama Administration. Her role in the cover-up of the Benghazi scandal, which includes arms shipments to al-Qaeda in Syria, among other things, is currently under investigation.

It is high time for our sleepwalking and disinterested contemporaries to take advantage of the unexpected insight into the reality of imperial politics, which the conversation between Nuland and Ambassador Pyatt affords us, and to wake up and realize what really lies behind the propaganda. At a recent event organized by the World Affairs Council in Washington on the theme of "Where Is Ukraine Going?", former U.S. Ambassadors John Herbst and William Courtney, as well as the Vice President of the National Endowment for Democracy (NED), Nadia Diuk, told such incredible lies

that one would have to assume that they habitually travel around on Baron Münchhausen's cannonball!

The NED has an annual budget of \$100 million and is one of the main funder of the 2,200 NGOs (!) that have built up a russophobic network in Ukraine over the past two decades. Diuk praised the Maidan, Kiev's Independence Square where opposition



*The Baron of Münchhausen was known for his tall tales. Here is one filmmaker's take.*

<https://www.youtube.com/watch?v=V0e5g13QB5U>

demonstrations are being held, as a "physical space" over which the authoritarian President Yanukovich has no control and which dominates the "civil sector," a space where you can breathe the "spirit of the Maidan," and where people persevered despite the cold weather. Not a single word about Svoboda and the other neo-Nazi organizations, about the barricades put up by the demonstrators, the masked stormtroopers, the occupations of ministries and houses, and the armed attacks on police.

In reply to an intervention from the audience, Diuk said that she was completely "uninformed" about any possibility of encirclement of Russia. But Russia is a big country, she said, one-sixth of the land mass of the Earth, so one could not possibly encircle it. She said she had never heard an anti-Semitic word from Svoboda leader Oleh Tyahnybok, and the only thing the protesters want is a better life for their children, in Europe. These people lie with such skill and audacity that it can only be understood as pre-war black propaganda.

The attempted takeover of Ukraine must be viewed in the context of the U.S. missile defense system being deployed in Eastern and Central Europe and the doctrine of "Prompt Global Strike," which, all protestations to the contrary, includes the utopian belief that the nuclear capabilities of the other side could be neutralized by a nuclear first strike. Regarding the U.S. doctrine of "Air-Sea Battle," Russia and also China have made unmistakably clear that if necessary, they will deploy their nuclear arsenals. If Germany and other European nations do not want to be drawn into a thermo-nuclear conflict within days or weeks, a war which no

one on this planet will survive, then they have to identify by name, the fascist character of the coup attempt in Ukraine.

Above all, we must stop behaving like subjects and vassals of the British Empire and its American puppet government. A current example: Clemens Wergin writes in *Die Welt*, regarding the Nuland-Pyatt recording—for which he of course holds Russia responsible—that "in Europe and NATO they are slow to deal with some of the worst-case scenarios." Worst case? How about the extinction of the human species?

And he concludes: "Like the Wikileaks postings, this short recording actually casts a good light on American diplomacy. It shows how America unifies both pragmatic and goal-oriented strands, brings the UN into play, and seeks to unite the Ukrainian opposition."

Or as Victoria Nuland said, "Fuck the EU!" Obviously some people are happy with that.

*Translated from German by Susan Welsh*

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## Voice of Russia

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# Zepp-LaRouche Warns Of Fascist Ukraine

*The following interview was conducted Feb. 6 in English, and aired on Voice of Russia, the Russian government's international radio broadcast, the following morning. The text was posted on top of the World section of voiceofrussia.com, under the title "Fascist coup' in Ukraine escalating into civil war—expert."*

*The text begins with the first paragraph of Zepp-LaRouche's response to the interviewer's first question, in large, bold type:*

**"If you look at the facts of who are the people in the Maidan and in the other upheavals, mainly the violence is committed by fascists, not only the Svoboda Party but a whole variety of groupings who are followers of Stepan Bandera, who was the Nazi collaborator helping the Nazis to prepare the invasion**

in Ukraine,” Helga Zepp-LaRouche, Founder and President of the Schiller Institute, an international political and economic think-tank, told The Voice of Russia.

**Voice of Russia:** It seems that the talks aimed at solving the Ukrainian crisis have reached deadlock as the government and opposition stay as divided as ever. So, do you think that these two sides still have a chance for a peaceful solution or not?

**Zepp-LaRouche:** I think it depends on the question of what is actually going on, because there is no question that if you look at the facts of who are the people in the Maidan and in the other upheavals, mainly the violence is committed by fascists—not only the Svoboda Party, but a whole variety of groupings who are followers of Stepan Bandera, who was the Nazi collaborator helping the Nazis to prepare the invasion in Ukraine.

So, these are the people, together with some outside terrorists, who had been fighting as Ukrainians on the side of the rebels in Syria. And 350 of those have returned recently, and they are together with Svoboda and hooligans who are committing the violence. So, there are probably somewhere between 3,000 to 10,000 absolutely violent criminal Nazi elements who are committing these crimes.

And [complete lies are being spread by] most of the Western media but also Western politicians, Western foundations, and also such organizations as the Washington Affairs Council or the National Endowment of Democracy. What is really going on is a fascist coup, and already now there is a big danger that if this is not stopped by people in the West, people in the U.S. and people in the EU, this indeed is escalating into a civil war. I mean, there may be an argument



*Helga Zepp-LaRouche's interview with Voice of Russia was given prominent billing on Feb. 7.*



about whether that civil war has already started or not. And the whole aim of it is to provoke the reaction from Russia, which then would be used as a pretext for a showdown.

I think it is very important that the developments in Ukraine cannot be seen in isolation from other developments in the region, like the U.S. ballistic missile system in Poland and Czechia, and also the deployment of the *Aegis* destroyer to the Rota base in Spain. Now, then you have to see also the different utopian military conceptions, like the Prompt Global Strike doctrine in the Pacific, because all of these doctrines proceed from the utopian conception that a first strike by NATO against Russia and China could proceed without these countries being able to develop or deploy a second strike.

Obviously, this is ridiculous, and both Russia and China have made absolutely clear that they do have a second strike capability. But if this offensive posture is maintained, what we may end up with is that both sides have no other possibility, or rather Russia and China have no other possibility, than to also go into a first strike posture, in which case you have the simultaneous launching of the first strikes from both sides, and that

would lead to the extinction of civilization, and that is what is at stake in Ukraine.

**Voice of Russia:** What can you say about these reports of the U.S. and EU that they are preparing a financial aid package for Ukraine? Why do you think America and Europe are so eager to help Ukraine and what is actually behind this support?

**Zepp-LaRouche:** I don't think they are eager to help Ukraine at all, because I think that if Ukraine would have signed the EU Association Agreement, it would have suffered the same treatment like Southern Europe, and you can only look at what is the effect of the Troika policy in Greece, Italy, Spain, and Portugal, and then you can see that Ukraine would have absolutely had no advantage by joining the EU agreement, and it was a lifesaver for Ukraine not to sign that.

Right now because the real situation is that the transatlantic financial system is collapsing, we can have a blowout of the financial system any moment. And on the other side, the Pacific Asian countries are in a much better condition; if you look at China, Korea, India, Russia, they are going in a much better economic direction than the transatlantic association. And Yanukovich was immediately travelling to China; he came back with very extensive cooperation agreements, and President Xi Jinping was recently in Romania, offering to build fast train systems in Eastern Europe, which the EU had cancelled because they are in this total austerity mode.

Therefore, when Yanukovich started talks with China and Russia, the EU realized that they have only demands, but not offers. So, now they are using a carrot and stick, on the one side, offering financial help but with very clear conditions. They call it structural reforms and these structural reforms would mean that Ukraine would have to give up its state-owned properties, it will have to privatize, it would have to apply the usual conditionalities, which always cut the social aspect of the economy.

But they are combining it with the blackmail, what they are calling sanctions, which are aimed to put pressure on the oligarchs in Ukraine who have obviously money accounts in offshore countries, and by threatening to freeze these accounts and to deny visas for traveling abroad, they are trying to put pressure on these financial forces of the oligarchic elements in Ukraine. So, it is extremely dangerous and can only lead to a

catastrophe, because I think that the argument of the Russians, to say that the Eurasian Union is much less integrated than the EU [is right], and the whole argument that Putin wants to reassemble the Soviet Union is really absolutely wrong.

## Glazyev Exposes U.S. Hand in Ukraine

by Rachel Douglas

Feb. 6—Russian Presidential advisor Academician Sergei Glazyev reported that the United States is funding and training the armed opposition in Ukraine, and that a 1994 Russian-U.S. agreement gives Russia the legal basis to take action in the situation, if necessary. Glazyev made the statements in an interview with the Ukrainian edition of the Russian paper *Kommersant*, published today.

Glazyev's remark about the 1994 treaty is being hugely misreported in the British and American press as a Russian threat. In fact, what Glazyev said in reply to a question about possible "active intervention" by Russia, is that Russia and the USA are *obligated* to take action in situations like the present one: "We should recall the 1994 Budapest Memorandum on Security Assurances, adopted in connection with Ukraine's adherence to the Nuclear Non-Proliferation Treaty. All parties to it undertook to protect the territorial integrity and security of Ukraine. Under this document, Russia and the USA are guarantors of Ukraine's sovereignty and territorial integrity and, frankly speaking, are obligated to intervene when this kind of conflict arises. But what the Americans are up to now, unilaterally and crudely interfering in Ukraine's internal affairs, is a clear breach of that treaty. The agreement is for collective guarantees and collective action."

This statement came after Glazyev had laid out the enormous dimensions of unilateral U.S. interference in Ukraine: "According to our information, American sources are spending \$20 million a week on financing the opposition and the insurgents, including for weapons. It has been reported that the guerrillas are briefed on the grounds of the U.S. Embassy, that they are being armed. Of course this is unacceptable, and it needs to be investigated." Glazyev said that U.S. Am-



*Dr. Sergei Glazyev, an economist and advisor to President Putin, charged that the U.S. is funding and arming the opposition in Ukraine.*

bassador Geoffrey Pyatt's published interview about his "100 percent certainty" that Ukraine would ultimately sign its Association Agreement with the EU was suspicious, in that "here you have an Ambassador, who declares with certainty that Ukraine will sign the agreement, as if he, rather than the Ukrainian leadership, were to decide this question. But the Ukrainian leadership decided not to sign this unnatural agreement, because that document is a pathway to catastrophe."

### **An Attempted Coup**

Glazyev called the opposition movement "an attempt at a coup d'état, at the violent overthrow of the government," in which public buildings have been occupied and an attempt has been made to storm the President's offices. "This comes under the definition of a coup according to Ukrainian law and international law," he said. "Everybody is afraid, for some reason, to call things by their names. The West calls terrorists and putschists 'activists' and tries to portray them as peaceful demonstrators.... The authorities, in turn, are not fulfilling their duty to defend the state, negotiating with putschists as if they were law-abiding citizens." Asked if President Yanukovich should now use force to clear the protesters, Glazyev said: "As for starting to use force, in a situation where the authorities face an attempted coup d'état, they simply have no other course

of action. Otherwise, the country will be plunged into chaos." He said Yanukovich had done all he could to avoid violence, in contrast to the opposition, and accused leaders in western Ukraine of being "separatists."

### **Averting a Catastrophe**

In reply to a question about what steps might now avert catastrophe, Glazyev said that the fact of a coup attempt by "professionally trained, armed storm troopers" must be acknowledged. "Secondly, the West should stop its blackmail and intimidation, such as [U.S. Assistant Secretary of State Victoria Nuland] has been engaged in, during her meetings in Kiev with the oligarchs, as well as with representatives of the President and the government. Our information is that, at these meetings, she let people know that they would land on blacklists, if President Victor Yanukovich did not hand the governance of the country over to the opposition. This is

blackmail, which has nothing in common with international law. This is not merely interference in domestic affairs. This is an attempt to control Ukraine."

Thirdly, Glazyev urged, "The West should accept Moscow's proposal to establish a trilateral system of consultations among the EU, Russia, and Ukraine, concerning Kiev's foreign trade and economic cooperation in the future." He pointed out that the vehement statements against this by Polish Foreign Ministry Radoslaw Sikorski and others are not the only opinions within the EU countries.

Glazyev said that Russia is concerned that Ukraine should not split apart, but said that some form of federalism could be introduced to give significant powers to the main regions of the country, including over budgets and, to some limited extent, international relations. He cited the example of Greenland, which enjoys substantial autonomy from Denmark and is part of the EU, unlike Denmark itself. Western and eastern Ukraine could have different economic relations with the EU and Russia, Glazyev said. "Today, economic, cultural and human ties between the regions of eastern and western Ukraine are less than the links between southeastern Ukraine and Russia and between the western regions and the EU," he said, and suggested that the eastern regions might want to join the customs union of Russia and other Eurasian nations.

# Russia Says Good Riddance to McFaul

by Rachel Douglas

Feb. 5—Many in Russia were glad to read in U.S. Ambassador Michael McFaul’s blog yesterday that he is leaving Russia soon, after only a two-year stint at the Embassy (the average term is around four years). Commentator Dmitri Babich gave expression to these feelings in a Voice of Russia commentary today, saying that McFaul’s “tenure in Moscow was extremely unfortunate, extremely unsuccessful,” and made a terrible contrast to the professionalism of his predecessor, career diplomat John Beyrle. In particular, Babich said, people remember that McFaul as Ambassador tweeted that Russia was a “savage” place, and that earlier, as a representative of the National Democratic Institute and then the Carnegie Center, he cultivated the Russian extra-parliamentary political opposition.

The Associated Press reported on Feb. 4 that McFaul said “his biggest frustration after two years as ambassador is ‘our inability to dispel this myth that America and the Obama administration and me personally are seeking to foment revolution in Russia.’”

## British Controllers

Indeed. Part 2 of *EIR*’s 2012 dossier on the “White Revolution” attempt to destabilize Russian President Vladimir Putin quoted McFaul’s 2011 interview with Slon.ru: “Most Russia-watchers are diplomats, or specialists on security and arms control. Or Russian culture. I am neither. I can’t recite Pushkin by heart. I am a specialist in democracy, anti-dictatorial movements, and revolutions.” That Feb. 3, 2012 *EIR* article, “The ‘Democracy’ Agenda of Michael McFaul and His Oxford Masters,” was republished in Russian on nearly a hundred websites and linked to in scores of forums and tweets.

In that dossier, we documented the Oxford training of McFaul and of current National Security Advisor **Susan Rice**, as well as Oxford’s patronage of **Gene Sharp**, author of the key handbook for the

“color revolutions” of the past two decades. Several of the dossier’s features are relevant to the current crisis in Ukraine, which threatens to detonate world war:

- Rice’s mentor **Sir Alan Roberts** and his younger colleague **Timothy Garton Ash** led Oxford’s “Civil Resistance and Power Politics: Domestic and International Dimensions” project. Ash is currently hyper-active around Ukraine, last month signing an appeal of so-called “world intellectuals” in support of the Euromaidan protests. On Feb. 2, in his regular column in the *Guardian*, Ash advised not getting overly worked up about what he termed the neo-Nazi “fringe” of the Ukraine street action. Most of the right-wing activists, he reassured readers, “see themselves as national revolutionaries fighting for independence from Russia.”

- Our exposé of McFaul’s Oxford trainers also demonstrated that the violent neo-Nazi paramilitary groups and the orchestrators of the supposedly peaceful “color revolutions” are not two separate species; rather, each is a form of irregular warfare. The financial sponsor of Gene Sharp’s color revolution play-book was Harvard Prof. **Thomas Schelling** (later to become a Nobel laureate “for having enhanced our understanding of conflict and cooperation through game-theory analysis”), using funds from the Defense Department’s Advanced Research Projects Agency (ARPA).

Wrote Schelling of Sharp’s *The Politics of Nonviolent Action*: “The original idea was to subject the entire theory of nonviolent political action, together with a full history of its practice in all parts of the world since the time of Christ, to the same cool, detailed scrutiny that military strategy and tactics are supposed to invite. Now that we have Gene Sharp’s book, what we lack is an equally comprehensive, carefully study of the politics of violent action. . . . It is too bad that we haven’t that other book, the one on violent action. It would be good to compare the two in detail.”

Back in 1961, Schelling ran elaborate nuclear-war simulation games at Camp David with Henry Kissinger, National Security Advisor McGeorge Bundy, and others. As researcher Esther-Mirjam Sent put it, the war theory developed by Schelling—that is, by one of McFaul’s intellectual grand-daddies—“consisted of nuclear deterrence, crisis management, limited war, arms control, and coercion and compellence.”

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## Book Review

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# Peace through Development: A Timely Idea from and for South Sudan

by Lawrence K. Freeman

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### **The Power of Creative Reasoning: The Ideas and Vision of John Garang**

by Lual A. Deng

Bloomington Ind., iUniverse, Inc., 2013

240 pages, hardcover or paperback

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Given the level of violent conflict that has engulfed South Sudan, when fighting broke out on the evening of Dec. 15, 2013, bringing the world's newest nation to the brink of civil war, why is a presentation of Dr. Lual A. Deng's idea of "peace through development" for South Sudan and its northern neighbor Sudan, timely and necessary?

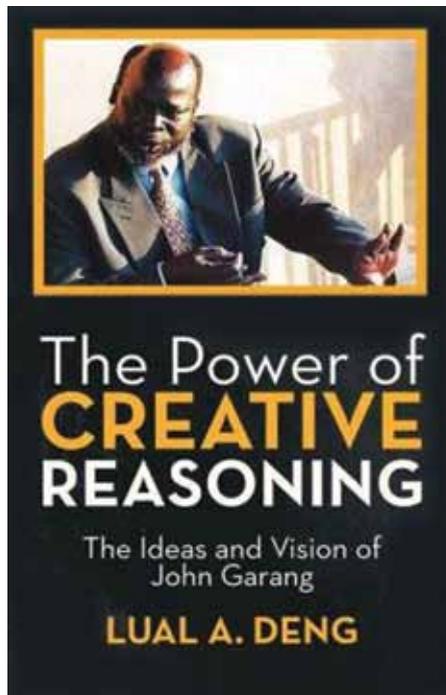
His unique proposal of creating a new geometry of peaceful relations between the two Sudans, emanating from a zone of economic development among the ten states along their common border, is exactly the kind "out-of-the-box," non-practical thinking required. This initiative for Greater Sudan, as Dr. Deng refers to the two countries, is an idea that is not new to the readers of *EIR*. Lyndon LaRouche has had, as a core strategic concept for decades, overcoming prejudice and hostilities among nations by uniting them around a common mission that links the future self-interest of each nation with one another. It is precisely these innovative concepts, presented by Dr. Deng in this book, but dismissed by those obsessed with the practicality of the here and the

now, that are required to find a creative solution to the crisis in South Sudan.

Dr. Deng was a devout follower of the late Dr. John Garang de Mabior, known affectionately as Dr. John, or Uncle John, the founder of Sudan's People Liberation Movement/Army (SPLM/A), who was the intellectual and political guiding force that led to the creation of South Sudan on July 9, 2011. Dr. Deng,<sup>1</sup> who has been criticized by members of his own party, the SPLM, for speaking out, publicly and in his book, against decisions made by the government of South Sudan, has survived as a maverick within his party. His relationship with Dr. Garang, which goes back to their first meeting in March 1974 in the city of Wau, now the capital of the state of Western Bahr el Ghazal, lasted more than 30 years, until Garang's mysterious and untimely death on July 30, 2005.

### **'The Tamazuj Zone': A Common Mission for Greater Sudan**

As one might expect, this book contains a great deal of insider history of the struggle of the SPLM, which might be of interest to the non-specialist. However, the *pièce de résistance* is the concept of the "Tamazuj Zone," which is vitally relevant, not only to understanding the underlying



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1. Member of the South Sudan Legislative Assembly; Managing Director, Ebony Center for Strategic studies, Juba, South Sudan; Minister of Petroleum 2010-11, and State Ministry of Finance 2005-10, Khartoum, Sudan.

ing causes for the crisis that is engulfing South Sudan today, but more importantly, it provides a pathway to a stable sovereign South Sudan in the future. *Tamazuj* is an Arabic word whose literal meaning is melting point (of African and Arab cultures), which Dr. Garang used in a press conference in Khartoum in July 2005, two weeks after he assumed the office of First Vice President of Sudan, at that time a single country, to describe his vision for the future: joint economic development along the border states of today's Sudan and South Sudan.

Dr. Deng writes that the conception of the Tamazuj zone was, for Dr. Garang, during the interim period of 2005-11,<sup>2</sup> “the backbone of a viable Sudanese state at peace with itself in case of unity or two viable Sudanese states at peace with each other and within themselves in the case of secession of Southern Sudan.”

This innovative idea flowed from a booklet commissioned by Dr. Garang and published in February 2000, “Peace through Development: Perspectives and Prospects in the Sudan.” Explaining Dr. Garang's perspective for SPLM, Dr. Deng writes: “The rationale behind peace through development is that all people of New Sudan would have stakeholds in defending projects and programs of the peace through development projects of the SPLM.”

In the concluding section of Chapter Two under the subtitle, “The Tamazuj Zone” (pp. 60-69), the author interpolates his own thoughts on Dr. Garang's Tamazuj zone.

“The idea of the *Tamazuj* zone is opportune as it provides a solid foundation for the realization of the two viable states at peace with each other through a more effective process aimed at influencing Khartoum, Juba and other major players. Such a process should be grounded on four fundamental binding constraints for the two Sudans to be at peace with each other. I should prefer to call the two Sudans as Greater Sudan. The binding constraints are geography, history, economics, and social capital.

“I would think that the first step in the process of influencing Juba and Khartoum to internalize the *Tamazuj* zone idea as the cornerstone of their peaceful existence is to urge them to agree on the vision, missions

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2. This refers to the six-year interim period established by the Comprehensive Peace Agreement to allow the population of the South to decide whether they wished to separate from Sudan and form their own country.

and objectives of the conceptual framework for the two viable Sudanese states at peace with each other and with in themselves.”

I highlight two essential features of Dr. Deng's “roadmap” for the future of the two countries; that they accept:

“**Common Vision:** The two Sudans become a center of stability and economic might in the Greater Horn of Africa. I would think that it is now absolutely clear to any rational policy analyst/observer that neither Juba nor Khartoum has the capacity to be the center of stability and economic might alone.

“**Common Objectives:** The two Sudans enable each state to formulate and implement a development program that aims at sustained peace, economic growth and poverty eradication in the long term.”

Examining the geography, which was one of the constraints mentioned above, Dr. Deng provides an analysis of the ten states on the 2,184 kilometer common border of (southern) Sudan and (northern) South Sudan. The states that comprise what Dr. Garang called the Tamazuj zone are five from Sudan: Blue Nile, Sennar, White Nile, Southern Kordofan, and South Darfur; and five from South Sudan: Upper Nile, Unity, Warrap, Northern Bahr el Ghazal, and Western Bahr el Ghazal.

According to Dr. Deng's statistics, these states combined constitute 40% of the arable land of Greater Sudan, 100% of its oil production, 37% of its population, and approximately 40% of its livestock. Dr. Deng makes the point that in addition to strong historical and social relations among the people populating these states that go back centuries, economically they are dependent on each other. More than 80% of all goods and services in the five states of South Sudan in the Tamazuj zone come from Sudan, and more than 75% of Sudan's oil production comes from the five states of South Sudan.

Dr. Deng lists several prerequisites to promote economic integration between the two countries. Demonstrating the quality of his thinking, he thoughtfully includes:

- Writing off the external debt of Sudan, and lifting economic sanctions as soon as the border is 100% demarcated with full acceptance from Khartoum.
- Establishing a Tamazuj Development Bank (TDB), to serve as a financing mechanism for joint programs and projects, as well as individual projects with the ten states.

## Agriculture To Be the Engine of Growth

The Tamazuj zone is ideally suited, with the forward-thinking proposals of Dr. Deng, to become a zone of joint economic development that could serve as a paradigm for an entirely new set of relations between the two Sudans. Such a common mission initiated in this border region, if properly nurtured, could spread north and south to the rest of Greater Sudan, allowing both countries to not only live as neighbors, but benefit from each other's existence, thus validating of the principle of the 1648 Westphalia Treaty—a benefit to the other is a benefit to oneself—which ended decades of religious wars across Europe.

Dr. Deng recalls for the reader that Dr. Garang intended to use the six-year interim period, from 2005 to 2011, to pursue: “A common economic policy to eradicate poverty and a sense of marginalization all over the country through efficient and effective utilization of our natural resources, such as oil, water, and vast agricultural land.” The book correctly focuses on the primacy of developing Sudan's huge untapped agricultural potential as the key to eradicating poverty. Dr. Deng writes that Dr. Garang intended “agriculture to be the engine of growth of the Sudan economy and used new-found oil to fuel this engine.”<sup>3</sup>

Dr. Garang intended to use his dual official position as the First Vice President of Sudan and the President of South Sudan (holding both positions simultaneously from July 9-July 30, 2005), “to make Sudan the regional economic hub for the Greater Horn of Africa, centered on three pillars: agricultural land, oil and strategic geographical location.” Sudan's potential to become a breadbasket of Africa, with implications for the world's food supply, has been known since the 1970s. If the necessary investments in developing this agricultural sector, accompanied by large-scale water, energy, and transportation infrastructure projects, had been the driving policy of the international community and of Sudan over the previous decades, hunger could have been eliminated in the Horn of Africa, with surpluses of food exported to other regions of the continent. This failure has contributed to genocide against the African people.

South Sudan, was born a poor, vastly underdevel-

oped, landlocked nation, with absolutely no infrastructure, whose main “value” was to be exploited as a new oil spigot and new base for U.S. military operations. This criminal stupidity has contributed to the violence that erupted in South Sudan in December 2013. Instead of fixating on turning South Sudan into a one huge tin-can oil refinery to serve the predatory financial system, there should have been an Army Corps of Engineers-style mission to develop South Sudan's agricultural sector to alleviate the desperation of a hungry, poverty-stricken population. This would have required a brute force commitment to build the necessary infrastructure to achieve this goal. Neither was done. The most charitable comment that can be made about the international donors and USAID is that they are utterly incompetent in understanding the *science of physical economy*, i.e., how to actually develop severely underdeveloped countries such as South Sudan.

Closer to the truth is that such economic incompetence coincides with intention. Genocide through war, starvation, and disease, has been the consistent policy for centuries against Africa by the Anglo-Dutch monetarist imperial system. This could not have been clearer in the case of South Sudan, whose urgent requirement was to meet the needs of its people from the first day of independence, and even years earlier, with the commencement of the Comprehensive Peace Agreement (CPA). Was (is) this not obvious to all, but the mentally blind?

### ‘It's the Leadership, Stupid!’

From Dr. Deng's book, we learn of Dr. Garang's awareness of the importance of utilizing Sudan's agricultural sector to spur economic growth, but like many problems facing South Sudan today, we can only speculate what South Sudan could have become had he not died, within weeks after joining the government, and becoming arguably, the second-most powerful figure in Sudan.

Dr. Deng does not hide his disagreements with some of the decisions made by the leadership of the SPLM-run government of South Sudan, and provocatively questions in his book, whether South Sudan will continue to be haunted “until another visionary leader, like Dr. John, emerges.”

At the end of Chapter Three, the author recalls the “moral dilemma” that he and others faced with the SPLM, when they considered policy decisions by its leadership to be harmful to their “national interest,” but

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3. This writer independently had formulated a similar approach immediately following the birth of South Sudan. See Lawrence Freeman, “A Common Mission: Two Sudans Can Become a Breadbasket for Africa,” *EIR*, July 22, 2011.

would not contradict them publicly. “We are now,” he says, “an independent state, so we can afford to speak out loudly.” And that he does.

Dr. Deng courageously criticizes two well-known reckless and harmful actions by his party and government: the shutdown of its own oil production of 350,000 barrels per day in January 2012, costing the country billions of dollars in lost revenue; and the deployment of the Army to capture (invade) northern Sudan’s Heglig oil facility in April 2012, which almost escalated into a resumption of war between the two countries.

In a forum at the Woodrow Wilson International Center on April 24, 2013, when his co-panelist Brian D’Silva mendaciously and callously asserted, that the self-imposed shut down of its own oil facilities “was a blessing in disguise” to the people of South Sudan, Dr. Deng sharply rebuked him, calling that action “a disaster,” that cost South Sudan several billions of dollars. D’Silva was part of a group of Washington political intelligence operatives that included Roger Winter, Ted Dagne, Eric Reeves, John Prendergast, and Susan Rice, who cynically campaigned for the U.S. to support the creation of South Sudan, for the purpose of continuing

their intent to overthrow the government of Sudan in Khartoum.

While some in South Sudan may foolishly consider participants of this anti-Khartoum cabal as supporters of their country, one can see, from D’Silva’s disgusting comments and the harmful consequences for the people of South Sudan, due to the influence on the SPLM by Winter and Dagne, who became advisors to the government, the truth about these so-called friends.

The book also discloses that over the many years of its struggle, the SPLM was unfortunately, but not unsurprisingly, influenced by the British “free-trade” doctrine of Adam Smith, and advised by so-called experts from the International Monetary Fund and World Bank—the which, along with the lack of vision of Khartoum, contributed to the SPLM’s failure to build up their country during the CPA interim period, and immediately upon independence.

Of course, there are many factors involved in creating what was essentially a coalition government among the various competing militias. However, once the new government was established, its decision to allocate 50% or more of its budget for defense and security, while assigning a much lower priority to improving the per capita wealth of its people, demonstrates a glaring flaw in the SPLM leadership’s thinking, the consequence of which is contributing to the country’s dire straits today.

This is why it was delightful to read Dr. Deng’s refreshing “peace through development” approach to secure a future for his two and half year old country. Now these ideas must become practice and become the foundation of a new policy for the Greater Sudan.

#### *Postscript*

*Since my review of Dr. Deng’s book last year, the world has changed beyond the boundaries of Africa and South Sudan. Civilization is now threatened strategically with the outbreak of a war between the super-powers, which would be a nuclear war of extinction. From the beginning of this year, we have witnessed a dangerous escalation of encirclement of Russia and secondarily, China, by Europe and the United States, as the collapse of the trans-Atlantic financial system accelerates. All people who love mankind and are concerned about the future of humanity cannot ignore this strategic reality, no matter how pressing and urgent national and local concerns.*

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# State Legislators Press for Glass-Steagall Revolution

by Nancy Spannaus and Alicia Cerretani

Feb. 8—Restoration of the Glass-Steagall Act is the keystone for returning the United States to the principles of the U.S. Constitution, argued Lyndon LaRouche in his Feb. 7 webcast. If the majority of Americans, who are already desperately opposed to the policies, if not the person, of Barack Obama, revolts in favor of that policy—which will involve removing obstacle Obama from office as well—then the pathway to saving the U.S. and world economy can be taken.

Developments in state legislatures around the United States this week give reason to hope that this point of revolt might be being reached. Within one week, new memorials demanding that Congress re-enact Glass-Steagall, as called for in two pieces of legislation already before the House and Senate, have been introduced in Arizona and Maryland, and a discussion on the necessity of FDR's Glass-Steagall was held in the Virginia State Senate around Senate Memorial 22, which calls for its revival. This activity follows new memorials having been introduced in four states—Alabama, Washington, Rhode Island, and New Mexico—within the first six weeks of the year.

LaRouchePAC organizers around the country report that action is imminent in several more legislatures. In some states, such as California and Pennsylvania, memorials from the last session are still live for action, while in others, new measures must be initiated. Notable is the fact that two additional states beyond the 25 that had memorials introduced in 2013—New Mexico and Arizona—have joined in the demand this year, and

also that the number of co-sponsors in a number of states which saw memorials introduced last year, has radically increased.

Assuming that the drive toward world war can be by stopped by eliminating the power of Barack Obama by constitutional means in the immediate period ahead, the prospects for putting the U.S. economy back on track appear to be improving.

## The Latest Action

Maryland HJR 8 was filed on Feb. 6, with a total of 50 sponsors, which is more than one-third of the House Chamber of the General Assembly. Three of the sponsors are chairs of committees in the House, and the number includes three Republicans. The resolution is the same language of a resolution that was introduced in Maryland in 2013. It is of note that three members of the Maryland Congressional delegation—Barbara Mikulski (D) in the Senate, and Donna Edwards (D) and Elijah Cummings (D) in the House—are signers of current Glass-Steagall legislation in their respective chambers.

In Arizona, HCM 2011, the state's first resolution supporting Glass-Steagall was also filed on Feb. 6, with 14 sponsors in the House, and 4 in the Senate. Three Democratic Congressional members—Raul Grijalva, Kyrsten Sinema, and Ann Kirkpatrick—have co-sponsored HR 129 for Glass-Steagall in the House, and Sen. John McCain (R) is a co-sponsor of S. 1282, the Senate Glass-Steagall bill, along with Sen. Elizabeth Warren (D-Mass.).

On Feb. 7 in Virginia, SJ 22, a resolution to support Glass-Steagall restoration, entered into the Virginia State Legislature, sponsored by Republican Sen. Richard Black, was taken up by the Senate Rules Committee. While the resolution was ultimately tabled (as is the case with virtually all memorializing resolutions in Virginia), Senator Black requested and was granted a few minutes to make a presentation. He was supported in this request by Democrat John Edwards, the new chairman of the Rules Committee, who swept aside objections from other members of the Committee to discussion of the resolution.

Edwards took the opportunity to announce that he was in favor of the restoration of Glass-Steagall (although he did not go on the record in favor of overriding the legislature's standing rule against resolutions). Black used his time to describe the origins of Glass-Steagall in the Franklin D. Roosevelt Administration, its role in separating commercial and speculative banking, and the urgent need for its restoration, particularly given the fact that the Dodd-Frank Act is wholly ineffective and that the speculative activity of the "too big to fail" banks is run at the cost of the American taxpayer and with the danger of creating financial chaos. Black emphasized the growing support for Glass-Steagall in the Congress, particularly noting the entry of S-1282 into the U.S. Senate and reading out the list of co-sponsors.

### **And in Congress?**

On Capitol Hill, the number of co-sponsors on the two Glass-Steagall bills in the Senate remains the same (11), while the numbers on the two House bills have inched up. But numbers don't tell the whole story.

The political and economic reality which has caused an upshift in the activity around Glass-Steagall at the state level is also reflected, qualitatively, at the Federal level. Just prior to the Winter break on Dec. 11, the day after Wall Street's Volcker Rule was officially approved by Federal regulatory agencies for implementation, Reps. John Tierney (D-Mass.) and Walter Jones (R-N.C.) introduced companion legislation to Sen. Elizabeth Warren's S. 1282, the "21st Century Glass-Steagall Act," which, in effect, speaks volumes to the lack of confidence that members of Congress have in President Obama's commitment to a U.S. recovery and to reining in Wall Street.

That bill now has nine additional co-sponsors.

The other qualitative breakthrough on Capitol Hill is the recognition by many Republicans that Glass-

Steagall is above and beyond the usual partisan politics, and in fact, goes to the heart of who, internationally, is controlling the Obama Presidency. The addition of Ted Yoho (R-Fla.) to H.R. 129, "The Return to Prudent Banking Act," and discussions with similar moderate Republicans on the issue of an orderly bankruptcy reorganization to revitalize the U.S. economy, reflect a growing understanding by members of Congress of what it is actually going to take to turn the U.S. economy around and create a real, productive recovery.

### **What Has Changed**

The increased pace of activity for Glass-Steagall on the state level stems from a number of significant political shifts, including the dramatic decline in the credibility of Obama and the Congress.

Heavily affecting the legislators is the murderous assault on the living standards and livelihoods of their constituencies since early 2014, represented by the cuts in food stamps, cutoff of long-term unemployment insurance, and cutbacks in health care through Obamacare. Under these conditions, the terror tactics of the Wall Street crowd, which beat back many a Glass-Steagall resolution in 2013, are no longer having the same effect.

The broad acknowledgment that *nothing* done by the Obama Administration (or George W. Bush before him) has done anything to defuse the financial bomb, and a crash of the system is nearer than ever, is also impelling stronger support for the most significant measure which held off such crashes for 60 years after the early 1930s, Glass-Steagall.

The following report, from a LaRouchePAC organizer involved in winning support for the Maryland resolution, provides useful insights into the changes in the process.

# REVIVE GLASS-STEAGALL NOW!



"The point is, we need Glass-Steagall immediately. We need it because that's our only insurance to save the nation... Get Glass-Steagall in, and we can work our way to solve the other things that need to be cleaned up. If we don't get Glass-Steagall in first, we're in a mess!"

—Lyndon LaRouche, Feb. 11, 2013



LaRouchePAC is now leading a nationwide effort to push through legislation for Glass-Steagall ([www.larouchepac.com](http://www.larouchepac.com)).

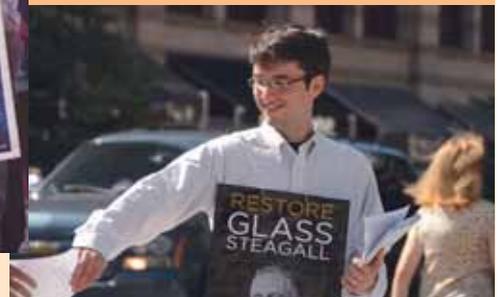
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# Franklin Roosevelt's Credit Principle

by Michael Kirsch

*This is Part I of a [lecture](#) given on July 29, 2013. Part II, "Generalizing the Principle of Government Credit," is available at [www.larouchepac.com/node/29272](http://www.larouchepac.com/node/29272).*

## Introduction

Today I am going to be speaking to you about Franklin Roosevelt's credit principle, and how he brought the United States out of the Depression through re-establishing an approximation of the Hamiltonian Bank of the United States Credit System.

Now there are two elements in what I want to go through today. One, the correct understanding of debt and credit. But chiefly, two, why the only way in which a credit system can function is if the economy is guided by a national lending institution, or in the case of Franklin Roosevelt, a number of lending institutions. And, how that system of lending institutions, or a national one like the Bank of the United States, which the Reconstruction Finance Corporation (RFC) approximated, are successfully guided by the correct understanding of government, as government for the general welfare.

In fact, the idea of credit was the *essential fight* concerning all of Roosevelt's institutions: the idea of the existence of government credit, versus the Andrew Jackson simple machine of government and *laissez-faire*; whether there should be credit, or whether there should only be money and cash, where things have to go by the wayside if the money does not exist up front at the time of transactions and potential investments. Roosevelt established the idea of the credit principle *throughout* the economy, and that was the key issue in what he developed.

## FDR Reviews the Crisis and Reforms of 1933

I want to start out on that question by looking at FDR's 1933 program from the standpoint of the "Papers

of Franklin Roosevelt," published in 1938, to which he wrote the preface.<sup>1</sup>

He reviews the situation of people losing savings, losing jobs, and where a continuing fear had developed under the deadening hand of the Depression, the fear of eviction from homes and farms, and even starvation.

In the face of this crisis, FDR says there was no remedy short of a permanent solution; that a temporary revival was insufficient. But he says that that simple truth was not recognized by some people. In fact, a great many were incapable of thinking clearly because they were thinking in monetary terms, in terms of "immediate dollars." He writes:

"In the face of this crisis in national morale, no remedy which stopped short of correcting the immediate material illness of the moment could be a safe or permanent cure.... That simple truth was not recognized by some people. *In fact, a great many who were thinking of future national welfare in terms of immediate dollars began to protest within only a few weeks after the banking crisis of March 4, 1933, against our efforts to couple reform with recovery.* In their selfish shortsightedness they were deluded into the belief that material recovery for the moment was all the Nation needed for the long pull. These few did not realize how childish and unrealistic it was to speak of recovery first and reconstruction afterward."

He had in mind, throughout the period of false prosperity after World War I, and the dark days of 1929, the clear need for the re-establishment of government authority, the re-establishment of the Constitution of the United States, and all the powers that went into it.

But there were those who said, "No, no, no, let's

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1. *The Public Papers and Addresses of Franklin D. Roosevelt*, Vol. 2, "The Year of Crisis, 1933"; with a special introduction and explanatory notes by President Roosevelt.



*President Franklin Roosevelt's New Deal program to rapidly reverse the worst aspects of the Depression was based in principle on Hamilton's notion of national credit. Here, FDR announces the Bank Holiday, March 6, 1933, two days after his Inauguration as President.*

just correct things that can be fixed immediately. We'll bail out a few of the banks and the industrial corporations. Let's just put the machine back in motion, and laissez-faire and supply and demand will bring everything back in order." In contrast, Roosevelt saw the need for a more permanent structure, what he describes as real reform. He came up with the idea of the "New Deal." And as he describes in that location, "Deal," as in real action of the government: "that the Government itself was going to use affirmative action to bring about its avowed objectives"; not sitting back passively and letting things happen. And "New," as the new system that would come to be, that "would replace the old order of special privilege in a Nation which was completely and thoroughly disgusted with the existing dispensation."

He continues:

"The New Deal was fundamentally intended as a modern expression of ideals set forth one hundred and fifty years ago in the Preamble of the Constitution of the United States—a more perfect union, justice, domestic tranquility, the common defense, the general welfare and the blessings of liberty to ourselves and our posterity.

"But we were not to be content with merely hoping for these ideals. We were to use the instrumentalities

and powers of Government actively to fight for them. There would be no effort to circumscribe the scope of private initiative so long as the rules of fair play were observed. There would be no obstacle to the incentive of reasonable and legitimate private profit.

"Because the American system from its inception presupposed and sought to maintain a society based on personal liberty, on private ownership of property and on reasonable private profit from each man's labor or capital, the New Deal would insist on all three factors. But because the American system visualized protection of the individual against the misuse of private economic power, the New Deal would insist on curbing such power."

### **The Right To Be Productive**

As I described in "[The Bank of the United States Draft Legislation](#)," written in February 2013, the government's role is to create the *means*, through a lending institution, to provide the *right* to the citizens to be productive. It does not mean coming in and setting prices, controlling everything that goes on, or deciding which companies can exist, and so forth. There is a reasonable profit to each man's labor, private ownership, and personal liberty. But the issue is, that to make all three work, you have to crush institutions like JP Morgan, which he did.

Roosevelt says there were many people objecting to his reforms throughout the Spring and Summer of 1933, when the measures were being carried out: "A vocal minority had already begun to cry out that reform should be placed on a shelf and not taken down until after recovery had progressed."

Today we hear, "Let's wait till after the recovery! After the recovery, then we can reinstate Glass-Steagall. After the recovery... We don't want to hurt anything right now." This is what we have seen in the last years from Congressmen who have believed the well-paid lobbyists of Wall Street. What Roosevelt is describing is a mirror image of what is going on in the United States today.

But what was this concept really? What did it mean for Roosevelt to come in and reinstate the American System, and the Preamble of the Constitution?

What it was in fact, was the creation of the *means* of the Powers of Congress. The Powers of Congress express a wide latitude for application. Depending on the prevailing situation in history, and depending on the crisis of the time, one must ask, “What are the means that will effect the objects to be carried out?”

Alexander Hamilton lays this out in various locations, such as his “Report on Manufactures” (1791), when also discussing this very concept of the powers of the Congress. In Roosevelt’s case, he creates a series of credit institutions, which were all within the latitude of Article I, Section 8. Before getting into those institutions and the principle involved, I want to briefly review the precedent of Hamilton’s discussion of the same.

### **Hamilton on the General Welfare and the Authority of National Government**

In Hamilton’s “Report on Manufactures,” he writes: “The National Legislature has express authority ‘to lay and collect taxes, duties, imposts, and excises, to pay the debts, and provide for the common defense and general welfare,’ with no other qualifications than that ‘all duties, imposts and excises, shall be uniform throughout the United States.’ These three qualifications excepted, the power to raise money is plenary and indefinite, and the objects to which it may be appropriated, are no less comprehensive than the payment of the public debts, and the providing for the common defense and general welfare.”

So one might ask, since that is pretty broad, “What do you mean general welfare?” Hamilton continues: “The term ‘general welfare’ were doubtless intended to signify more than was expressed or imported in those which preceded; otherwise, numerous exigencies incident to the affairs of a nation would have been left without a provision. The phrase is as comprehensive as any that could have been used; because it was not fit that the constitutional authority of the Union to appropriate its revenues should have been restricted within narrower limits than the ‘general welfare’; and because this necessarily embraces a vast variety of particulars, which are susceptible neither of specification nor of definition.”

These are questions of appropriating money. Earlier, in his paper on the “Constitutionality of the National Bank,” in 1791, he wrote, “Can we appropriate

money in the establishment of the Bank of the United States?” And he presents a similar argument here, where he says:

“There is an observation of the Secretary of State to this effect which may require notice in this place:— Congress, says he, are not to lay taxes *ad libitum*, for any purpose they please, *but only to pay the debts or provide for the welfare of the Union. Certainly no inference can be drawn from this against the power of applying their money for the institution of a bank.* It is true that they cannot without breach of trust lay taxes for any other purpose than the general welfare; but so neither can any other government. The welfare of the community is the only legitimate end for which money can be raised on the community. The constitutional test of a right application must always be, whether it be for a purpose of *general* or *local* nature. A bank, then, whose bills are to circulate in all the revenues of the country, is evidently a general object, and, for that very reason, a constitutional one, as far as regards the appropriation of money to it.”

Also, in the end of the “Report on Manufactures,” Hamilton is looking at the authority of the national government to provide for infrastructure, what Franklin Roosevelt does later, which had been halted during Hamilton’s time.

“There can certainly be no object more worthy of the cares of the local administrations; and it were to be wished that there was no doubt of the power of the National Government to lend its direct aid on a comprehensive plan. This is one of those improvements which could be prosecuted with more efficacy by the whole, than by any part or parts of the Union.”

And he said the same about the encouragement of inventions and discoveries:

“As in some other cases, there is cause to regret, that the competency of the authority of the National Government to the good which might be done, is not without a question. Many aids might be given to industry, many internal improvements of primary magnitude might be promoted, by an authority operating throughout the Union, which cannot be effected as well, if at all, by an authority confirmed within the limits of a single State.”

This meaning of the “general welfare” and the “authority of government,” which was defined clearly by our first Treasury Secretary and those working with him, was the basis for much of Roosevelt’s actions and those of Congress.

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# The Gifts of Prometheus: Fusion & Physical Chemistry

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*This program by the LaRouchePAC Scientific Team was webcast on Feb. 1, and hosted by Creighton Jones. The video, including the questions and answers, can be viewed online.<sup>1</sup>*

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**Creighton Jones:** What will be presented today was spurred by certain comments by Lyndon LaRouche in the wake of the decision on the part of the Ukrainian government to reject the economic offers from the European Union, and to instead adopt and accept a proposal from the Russians. What this represented was a decision between two types of systems: On the one hand, what the European Union was offering, and what the monetarist system in general continues to offer, which is extended debt, some monetary guarantees, maybe the opportunity for the stationing of anti-ballistic-missile systems in your country, and everything that goes along with that. Or, on the other hand, what Ukraine in fact accepted, was an offer for agreements from Russia, around things like energy, physical productivity, and the like.

The kind of decision that Ukraine has faced, because of what this represents globally—we've seen that it has created a real crisis on an international level. It epitomizes the kind of decision that all nations are going to have to make—whether it be nations in Europe, whether it be the United States, whether it be China, all nations.

## What Is Value?

Now, it really poses the question, as Mr. LaRouche put it, of what is value, what is survival for a nation? Is

value simply a question of money, something which is determined by “market forces”? Or, is value something which is physical? Is there something deeper to the idea of value than simply what the stock market says is valuable, or what consumer interests say is valuable? And that's exactly what we're going to get into today: What, in fact, is value?

This comes up in another way, when we look at, say, the recent achievements on the part of the Chinese, who landed a rover on the Moon, and have made it very clear that their long-arching intention on the Moon is to industrialize it, to mine it for such things as helium-3. What's the value of helium-3? Why would you ever want to bring helium-3 from the Moon, back to Earth? I haven't heard Warren Buffett say anything about the value of helium-3. It's not something which is often referred to on the commodities markets.

So what is the value of helium-3?

Well, in the current market context, it doesn't have a whole lot of value; it's got minimal use. It's not something which is commonly thought of as a “valuable commodity,” the way people discuss gold or diamonds. But what's the value of helium-3, in the context of, say, the development of fusion technology, of fusion reactors, capable of using helium-3 to produce energy, where it's been estimated that a single shuttle-load of helium-3 brought from the Moon to Earth, would produce enough energy to power the United States for an entire year?

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1. <http://larouchepac.com/GiftsOfPrometheus-Webcast>

There, value has a very different kind of idea, a physical idea, an idea which is steeped in an intention for the future. It has a value which is defined not by markets, but by the human mind, and by an intention to advance humanity as a whole.

And so, the fight around the question of what is value, is a fight which is as old as the hills, so to speak—or in our case, as old as Mount Olympus. And so, with that, I'll turn it over to our speakers.

I'm joined today by Jason Ross, a member of the LaRouchePAC Science Team and editor-in-chief of *21st Century Science & Technology* magazine, and also Liona Fan-Chiang, who recently presented on our weekly science show, "[A New Paradigm for Mankind.](#)" a history of the development of chemistry, and counterposed the two differing epistemological approaches to atomic physics. And she'll also be available to answer questions in referring to these topics.

So, with that, I'll turn it over to Jason Ross.

### The 'Arts' of Prometheus

**Jason Ross:** As the theme of this webcast indicates, "The Continuing Gifts of Prometheus: Fusion and Physical Chemistry," we're going to be using the theme of Prometheus to guide our approach to what the value is of our increasing mastery over the physical universe, our creation of new materials, and new powers.

Many of you have probably heard the story of Prometheus. He was a Titan, who, according to Aeschylus, helped overthrow Chronos and put in place Zeus, as the new chief god of Olympus. However, you may not know that this is not a myth. This is not a made-up story, this is not fantasy; this is reality.

As Aeschylus explains this to us, in his play *Pro-*



"Prometheus Brings Fire to Mankind," painting by Heinrich Füger, 1817

*metheus Bound*, part of a trilogy (of which we've lost the other two plays), as the play opens, Prometheus is being chained to a rock by some other gods, who explain how Zeus is punishing Prometheus for what he's done.

Prometheus expresses how the goal of Zeus had been to destroy the human race. That as he was passing out gifts to the gods, when it came to humanity, he gave them nothing, and in fact, planned to destroy the human race and send it down to Hades. Prometheus says that he was the only one to object to this; that he was the one who saved mankind from what would have been its fate. He explains this is why he's being punished.

The Chorus responds to Prometheus, that anybody who doesn't understand his

plight is made of stone; that anybody who would not feel pity for what he is going through would really not be seeing things right. And that actually, most of the gods do pity him:

**Chorus:** Iron-hearted and made of stone, Prometheus, is he who feels no compassion at your miseries. For myself, I would not have desired to see them; and now that I see them, I am pained in my heart.

**Prometheus:** Yes, to my friends indeed I am a spectacle of pity.

**Chorus:** Did you perhaps transgress even somewhat beyond this offense?

Even beyond saving mankind from destruction when Zeus planned to eliminate the human race?

**Prometheus:** Yes, I caused mortals to cease foreseeing their doom.

**Chorus:** Of what sort was the cure that you found for this affliction?

**Prometheus:** I caused unseen hopes to dwell within their breasts.

Now, what does this mean, “I caused mortals to cease foreseeing their doom”?

You may have heard the story of Pandora. After Zeus chained up Prometheus, he sent Pandora as a punishment—Pandora was the first woman—and she brought with her a bottle, which she was not supposed to open, but she did. And all matter of calamity came out of it, except for one thing. You may have heard that this was “hope.” That’s not true. If we didn’t have hope, then we wouldn’t have hope. Hope is an expectation of good things in the future; what was left in that jar, was the lack of free will, a foreknowledge of what your life would lead to. That’s what we did not have.

Prometheus says that he prevented this from afflicting mankind by giving us unseen hopes, *by having no fixed future*. This separated us completely, from the animals, in thought already.

Since Chorus asked him, is there anything else that you have done, he responds, yes, I also gave mankind fire.

Chorus says: “Really? Do creatures of a day—mortals—do they now have flame-eyed fire?”

And Prometheus says: “Yes, and from it they shall learn many arts.”

And that’s what we’re going to be getting into today.

Let’s look at what some of these arts were. Among the arts that Prometheus has given to mankind, and that he enumerates, are basically everything that we use today. He says that although “they had eyes to see, they saw to no avail; they had ears, but they did not understand; but, just as shapes in dreams, throughout their length of days, without purpose they wrought all things in confusion. They had neither knowledge of houses built of bricks and turned to face the sun nor yet of work in wood; but dwelt beneath the ground like swarming ants, in sunless caves. They had no sign either of Winter or of flowery Spring or of fruitful Summer, on which they could depend, but managed everything without judgment, until I taught them to discern the risings of the stars and their settings, which are difficult to distinguish.”

So he said, we’ve got construction, we’ve got the calendar, using astronomy, to know what time of the year it is.

**Prometheus:** Numbers, too, chiefest of sciences, I invented for them, and the combining of letters, creative mother of the Muses’ arts, with which to hold all things in memory. I, too, first brought brute beasts beneath the yoke to be subject to the collar and the pack-saddle, so that they might bear in the man’s stead their heaviest burdens; and to the chariot I harnessed horses and made them obedient to the rein, to be an image of wealth and luxury. It was I and no one else who invented the mariner’s flaxen-winged car” (the sailing ship) “that roams the sea. Wretched that I am—such are the arts I devised for mankind, yet have myself no cunning means to rid me of my present suffering.

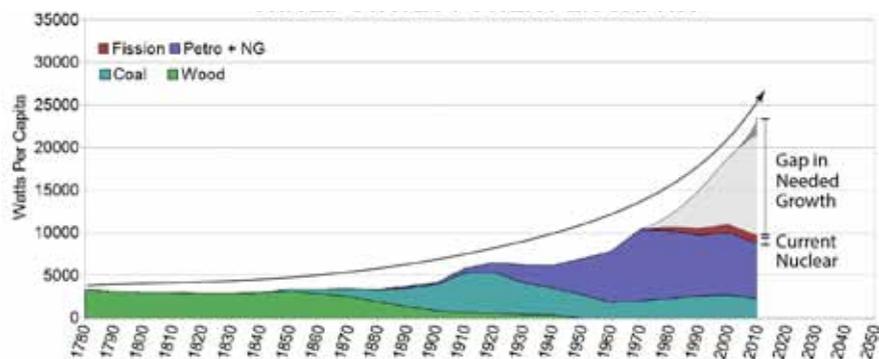
**Chorus:** You have suffered sorrow and humiliation. You have lost your wits and gone astray; and, like an unskilled doctor, fallen ill, you lose heart and cannot discover by which remedies to cure your own disease.

**Prometheus:** Hear the rest and you shall wonder the more at the arts and resources I devised. This first and foremost: if ever man fell ill, there was no defense—not healing food, no ointment, nor any drink—but for lack of medicine they wasted away, until I showed them how to mix soothing remedies with which they now ward off their disorders. . . . Now as to the benefits to men that lay concealed beneath the Earth—bronze, iron, silver, and gold—who would claim to have discovered them before me? No one, I know full well, unless he likes to babble idly. Hear the sum of the whole matter in the compass of one brief word—every art possessed by man comes from Prometheus.

*“Every art possessed by man comes from Prometheus.”*

In the story that continues as told by Aeschylus, Prometheus is visited by a number of different people. Some of them give him support, some of them tell him that he’s *really* screwed up, that he’s made a terrible mistake for his life; that he could have left mankind alone, he could have avoided displeasing Zeus, he could have kept the powers of the gods to be their powers alone, but he didn’t. The question that comes up is: Did Prometheus err? Did he make a mistake? There are those who try to convince him that he has, but he knows better.

FIGURE 1  
**United States Power Per Capita**



So let’s get into what these gifts are and what kind of eras created them. An analysis, looking through history, shows us that the natural state of the human species is to develop, is to grow, is to be creative. And that it is only during the times of empire’s control that man is held back.

So let’s go through what these types of fire are: First, let’s actually discuss fire.

Here you see (**Figure 1**) a chart of the uses of fire throughout the history of the United States, the amount of energy used per capita in the United States; you can see that the green is wood. We weren’t using coal in the beginnings of the United States. You can see how, as the development of coal became more important, with the steam engine and things like this throughout the middle of the 19th Century, coal eclipsed the use of wood, and became the dominant energy source. Coal has much more energy per unit than does wood. It’s also much more compact, and you do a lot of things with wood that you can’t do with coal—you can build a house out of wood. And you can do things with coal that you can’t do with wood. More on that coming up.

We then see the next type of energy source: petroleum and natural gas. Petroleum has a higher energy density than coal; you can use it in engines, we use it for transportation. You can see how it is taking over as an increasing energy source.

Then you see fission energy, our nuclear plants. You can see how that could have become our next energy, but it simply didn’t. The petroleum and natural gas are decreasing slightly per capita, nuclear did not grow, and if you look at the history of the growth of these forms of fire, the amount of energy per capita that we have in the United States now, should be two to three times what it currently is!

Let’s talk about why that is, why this hasn’t continued, and let’s look at what these uses of fire have meant for us over time.

### Materials for Mankind’s Use

The history of mankind is sometimes broken up into ages, named after materials: the Stone Age, the Bronze Age, the Iron Age, the Steel Age. The Stone Age should probably be called the Fire Age, however, because man’s history begins with our use of fire. During the Stone Age, we

had art, we had sculpture, we had the development of tools, wooden tools of course, and stone tools. We had the use of fire to harden those stone tools. We had baking, we had cooking, we had woodworking, we had sculpting, we had fabrics and weaving, so to insult this society and say this is a “stone age” society, that we’re much more advanced right now—well, you have to look in the context of where mankind is. Is it progressing?

But the beginnings of human history, of our written records, go to about the time of what we call the Bronze Age. This happened around 5,000 years ago, and it began with the creation of materials.

**Figure 2** is an image of copper as found in its native state. Just like you find various gems and minerals in the ground or on the ground, copper was actually found in nature. It’s a metal that exists in its natural state: 10,000 years ago, human beings were turning copper into tools, beating it, shaping it, using heat to soften it, to change its shape even more, hardening it by hammering—10,000 years ago.

FIGURE 2



The other examples in this early time were gold, which was mined over 5,000 years ago; silver could also be found. So metals were known. But the real breakthrough came with the development of materials—it seems almost like a miracle!

Here I have a piece of malachite. As you can see, it's a green rock. It looks like a rock; there's nothing particularly special about this, that would make you think you could do anything with it besides maybe use it to beat something, or that sort of thing. However, you might be surprised that this is what you can make from it: a piece of copper wire.

The copper that we use in our homes, the copper wiring and everything else comes from ores, like malachite. The original development of this discovery—5,000 years ago—was the beginning of what came to be called “the Bronze Age” because of something that was added to the copper.

You could make tools out of copper, but they weren't actually better than stone tools. You had new techniques for shaping them and for forming them, and that was very good; but the actual physical qualities of copper, once you make the tool, are not superior to, say, a sharp piece of flint for cutting. The real development came from creating bronze. To do this, not only did human beings have to transform a green rock into a shiny copper metal; they also had to know that if you added tin to this copper, that you would create a new metal, bronze, which is superior to copper, and it's superior to tin. It's a material that never existed on Earth, except maybe in very small amounts, in tiny pockets; that never existed on Earth before human beings created it.

Now, what made it possible to make this transformation? Here I have a charcoal briquette, nothing too special about it. Do you know where charcoal comes from? You might say the grocery store, that's probably where your charcoal comes from—but it's made from wood.

**Figure 3** is a 100-year-old picture of charcoal production. Looks like a pleasant pastime for these people! You take a large amount of wood, you put it in a pile, and then in **Figure 4**, you see what we do to it: You

FIGURE 3



FIGURE 4



cover the whole pile with soil, and you burn it. Here the wood is baking, burning with very little oxygen, for two to three days under all of that dirt. After that time, when you uncover the dirt, you find that the wood is actually transformed into charcoal.

What's so good about charcoal? Well, it burns hotter than wood does; it's much cleaner than wood. When you burn wood, there are a lot of things in wood that come out of it, a lot of different chemicals, a lot of different elements. Charcoal is almost 100% pure carbon.

### The Bronze Age

So, with the charcoal and the malachite, you would get beds of charcoal; you would powder the malachite by banging it up, you would burn them together for a few hours, probably blowing in air to help the temperature get hotter and help the process, and what occurs is that—people obviously didn't know this 5,000 years

ago, in this way—but the carbon from the charcoal combines with the oxygen in the malachite—this is basically rusted copper—and it pulls the oxygen out of it, leaving behind the metal. This is an astonishing thing to do 5,000 years ago! It’s an astonishing thing to do today. I think if you do it yourself, it’s pretty amazing.

The development of bronze meant that we had created something totally new, totally more useful. The next big thing you could do with bronze, is that you could produce cast objects with it (**Figure 5**). Casting something such as a cast iron pan, means that you have melted the bronze; you have poured it into a mold, it then hardens—here you can see the bronze being poured in—it hardens and makes whatever shape you want. This was a new thing that you were able to do with bronze that was much more difficult with copper.

Okay. Let’s look at the next breakthrough. Around 1200 B.C. a shift was made, where bronze sort of disappeared from use. The difficulty in obtaining the tin for bronze meant that its use declined; you often don’t find copper and tin near each other, so with the breakdown of trade routes which stretched as far as the British Isles, maybe even the New World, tin wasn’t available; no more bronze.

### Iron Technologies

The next material that was introduced was iron. Now, iron is much more plentiful than copper. Iron ore looks like copper ore—it’s not a green rock, but it looks like a rock. You wouldn’t expect anything metallic to come out of it. But if you do the same process we did with the malachite, you’ll wind up with what we see in **Figure 6**. This is called an “iron bloom.” It’s not pure iron, it’s not melted, it still has impurities in it. After you heat it, you basically bang it—this guy is using a sledge hammer—you have to beat the impurities out of it. It takes a lot of work, and all that work produces wrought iron, which is very pure iron.

It’s a tradeoff. Iron is much more plentiful, but it’s much more work to produce it. However, since it’s so readily available, fundamentally it’s a far superior

FIGURE 5



FIGURE 6



FIGURE 7



source for us, than copper is. (That’s “shingling,” the process of banging the bloom.)

Now, if we look at **Figure 7**, we can see the production of a kind of steel. Steel is iron with carbon in it; the blade you’re seeing here is called “damascus steel.” We

actually don't know how this was made; we can't produce it any more. We produce metals that look like it, but they're not actually the same. What you do is you take the iron, you lay it on top of charcoal, and you bang the iron into the charcoal: It actually picks up carbon from that charcoal, and the outer layer becomes steel. It would then be heated, folded, again and again, maybe 12 or 15 times, to produce the metal that you see in this dagger here.

The next big breakthrough, to move ahead through metallurgy, was the use of pig iron, around 1200 A.D. It took this long, two millennia in Europe; it was used much earlier in China, but we'll focus on Europe; it took two millennia for the development of pig iron, which is when iron is heated so much that it melts. When iron melts, it picks up a lot of carbon from the charcoal around it, and it becomes hard, but very brittle. So if you have a cast iron pan, which is made from melted pig iron, those pans can crack very easily. If you bang it with a hammer, it's not going to slowly bend into a new shape, it'll just break! If you change its temperature too rapidly, it'll break. Not the most useful substance.

What made pig iron so useful that it completely replaced the earlier, very labor-intensive process of banging iron blooms to get all the impurities out (to create wrought iron). This involved the Bessemer steel process. This was around the time of the U.S. Civil War. What Bessemer did was to blow air into melted pig iron. The oxygen from the air would combine with the excess carbon, and gas out as carbon dioxide, leaving behind pure iron again, which you would then have to add carbon to, by beating it into carbon—it was a lot of work to make steel at this time!

The next big breakthroughs were the use of alloys. In the 1910s, stainless steel was developed. Stainless steel, unlike regular steel, won't corrode, won't rust, as long as you take care of it, and don't let it sit in saltwater all the time. And other things like this. We now have a huge number of different kinds of alloys, very small, trace amounts of other elements, like molybdenum, nickel, titanium: These are added to the steel to give it unique properties.

So we've really come a long way. However, in all of this, the basic understanding of the materials has always been, what is their *physical* nature? Is it hard? Can I make it sharp? How much can I pull on it before it snaps? How much can I push on it before it compresses? How much can I twist it before breaks? Physical characteristics.

## Science of Transformations

The next application of fire to look at is the development of chemistry. Now chemistry really helped us both make sense of things that we were already doing, and it totally transformed the potential of what we were able to do, because we now understood not only the physical properties of things that we had made as wholes, but also how the very elements of nature would interact.

Let's take a look at Dmitri Mendeleev's table (**Figure 8**), the Periodic Table, on the left. It does not look identical with the one on the right, which you're probably more familiar with. But what Mendeleev had done was to decode matter, to understand two very important things. One was that elements are not materials. For example: Charcoal is made out of carbon; diamonds are made out of carbon. Charcoal and diamonds are very different materials. Mendeleev said that there's a difference between the form that an element takes and the transformations that it is capable of undergoing. He said, the composition of a compound is the expression of those transformations of which it is capable.

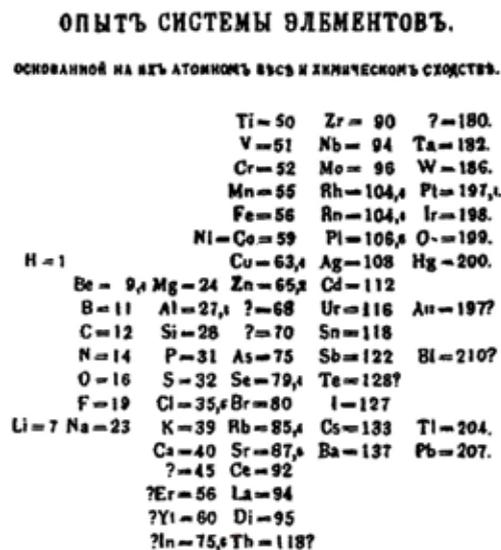
So his idea of the elements wasn't the properties of material, like how dense it is or anything like that. His understanding of the elements, was what kinds of transformations was it capable of participating in? What could it do? So, oxygen is not a gas. Oxygen by itself does form a gas, but oxygen in that green malachite rock—that's not a gas. Malachite is not copper plus a gas; it is copper and oxygen.

So from this understanding of what was really going on in the very small, we had a whole new dimension of materials: the chemical dimension. We're not only looking at the physical properties, but now we're getting into the chemical properties. This meant that we could do new things, such as by the use of electricity, which is the next thing to talk about.

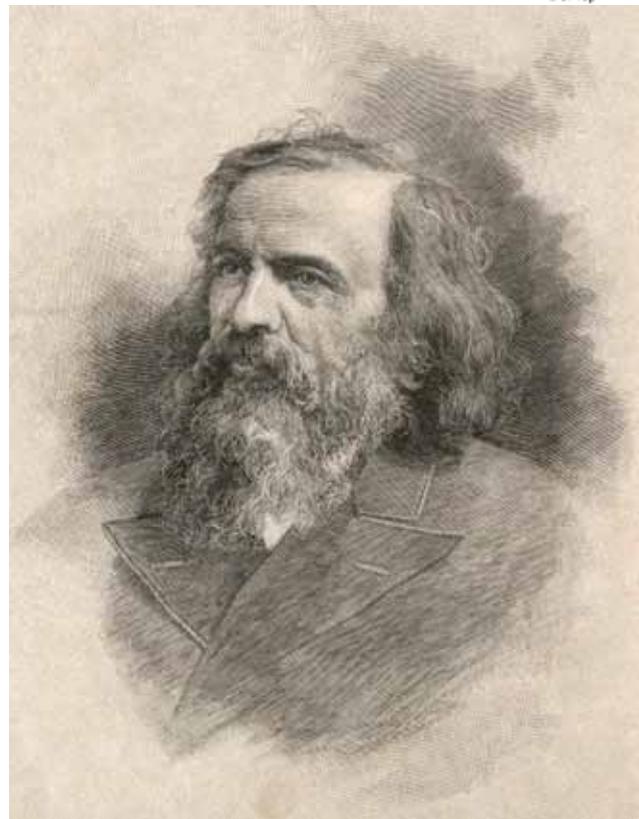
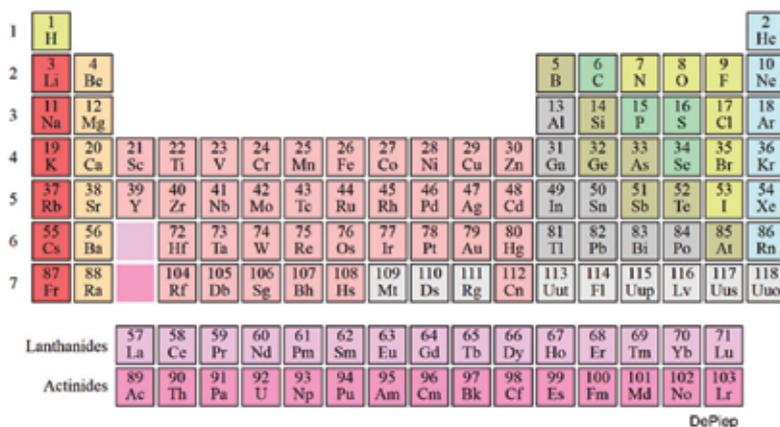
## A New Dimension: Electricity

Electricity is an entirely new dimension of knowledge. Electricity began as sort of an amusement, and it existed that way for actually thousands of years! The word "electricity" comes from the word "electron." It's a Greek word and it means—you'd probably never guess this—it means "amber." What does electricity have to do with amber? What do we do with amber? We collect bugs in it or make jewelry out of it or something. Well, if you rub amber, just like if you rub a balloon on

FIGURE 8  
The Periodic Table of Elements



Д. Менделѣевъ



Texas Public Library Archives

Dmitri Mendeleev (1834-1907)

a sweater, you get what we call “static electricity.” The Greeks referred to the material that did it “amber,” “electron.” So that if you rubbed amber, it would pick up little bits of feathers and things like this, and that was about all you could do with it.

Around the time of Benjamin Franklin, electricity had really come a long way. Generators were made that operated by rubbing. The first electrical generators were based on rubbing, spinning a wheel and rubbing, and they would collect this “electric fluid,” and could do experiments with it. Some famous experiments involving frogs’ legs that twitched under an electric current and other things, started to increase appreciation for what this substance was. And before 1800, the first source of *flowing* electricity was introduced: the battery. A chemical process created a flowing of the electric fluid. Before that, all electricity was what we would call *static* electricity, a buildup of a certain kind of electricity which might flow out through a spark, or something like that, but it wasn’t a flow; with batteries, we had a flow.

This meant a total transformation. What it meant was the connection between electricity and magnetism—magnetism was also known to the Greeks—only with flowing electricity could it be discovered that these were actually two facets of the same process. So with an electric battery, an electric cell, a moving current—

current means running, like in a stream, that has a current—Oersted discovered around 1800 that magnetism was actually like a flowing of electricity.

That completely transformed its use! People did try

to make telegraphs before the connection between electricity and magnetism, but they were very bad, and they weren't very useful. Once you had the connection between electricity and magnetism, then you could make things move: You could have the telegraphs that we're familiar with, where one person creating a current, makes a tap-tap-tap noise somewhere else.

Then, the really big breakthrough, that made electricity more useful than for doing some chemical experiments, where it could be used to pull apart different elements, was with the ability to create electricity by motion. We went from rubbing, to chemistry, to moving electric and magnetic fields. The generators of today operate by moving a magnetic field past wires, which induces a current in those wires. Once this was discovered, and once effective generators were made, once effective dynamos were made, electricity *really* became something that was useful. Many of its first applications were for lighting; even before the filament bulbs that we're familiar with, it was used to make a spark between two pieces of carbon, an arc light, which was very bright.

But then the *tremendous* breakthrough, that fundamentally transformed how we act, was the development of the electric motor. In the late 1800s, electricity made the breakthrough of being able to be created by mechanical motion, meaning that we could use the steam engines that already existed, and now, instead of powering mechanical motion by it, we could use that steam to create a flowing electric current, which is much more easily moved than mechanical motion. You may have seen pictures or videos of old factories, where one steam engine with a bunch of leather belts that were just waiting to rip your arm off—there was definitely no OSHA back then—was a very difficult way of moving motion. With a wire that goes to a motor, you can now have control of individual machines that are able to be distant from the source of power. You could make a very large power plant, that would serve many different customers. And that's exactly what happened.

And then, with the development of the AC motor, in, I believe, 1888, now we could have long-distance transmission of electricity, because, you can use a transformer with alternating current; we can use it to create motion, and now, we've got a fundamentally different relationship to all the forms of fire than we had before then. You could use wood to power a boiler and make motion; you could use coal, to power an engine, to make motion; you could use petroleum to power a motor to make motion like in your car. But, by adding the new dimension of

knowledge of electricity, those motions can now be transformed, transmitted as electric current and used for all sorts of things: lighting, heating, air conditioning, which are based on motion, motors, etc.

So we've got a new dimension: charge. Remember, we had physical properties of metals; we had chemical properties of substances, and now, we've got specifically electrical properties of materials; we're adding new dimensions to our knowledge, literally new dimensions.

## Nuclear Power and Beyond

The last domain to take up in opening here, is nuclear. Now, everyone has heard of nuclear power. Many people don't really know how it works at all. Briefly on this, nuclear is yet another new dimension. It's a whole ability to look at the nucleus of materials which have characteristics that are different than the chemical properties of elements. For example, before nuclear science, you might say "well, what does this element like to combine with? Can we burn it, what materials does it make, what compounds does it form?" But now with nuclear science, we start asking totally different questions. We ask, "Does this element emit radiation? Is this element susceptible of being cracked in half, the process called fission? Is this element susceptible of being fissioned to create a large amount of power?"

So the discoveries that led into that, I'm not going to go through right now, but based on our knowledge today, we have a new domain of consideration, a new dimension. **Figure 9** shows a new periodic table—well, it doesn't emphasize the periodicity of it, but this is a table of the nuclides. On this chart, moving up is more protons; moving to the right is more neutrons; the black elements are stable elements, they're not radioactive. The different colors that you see there indicate what kind of radiation these nuclides emit.

What kind of processes are they capable of? Uranium, for example, which as a chemical element isn't really all that exciting, uranium oxides fluoresce, meaning that shining light on them makes them emit a different color light. That's kind of interesting. It was used to tint stained glass. That's something. It's very heavy, it's very dense, that's somewhat interesting, but none of its chemical properties are what makes it important to us now.

What's important is its nuclear property, the fact that we can set up uranium in such a way that we can cause a cascading action of fissions, where one fission causes another to occur, and use the incredible amount

FIGURE 9



of energy that comes out of that. This is an energy over a thousand times more powerful than chemical energy. We can now use that as a new dimension of our action.

So, what this means for us, is that we've gone through a whole series of different transformations, different dimensions of our knowledge. The application of them, that's the next thing to look at. Because, why have these powers not been implemented? When we

saw the chart originally of the different forms of fire, it changed what we were able to do, from wood, which makes you warm and cooks things; to charcoal, which is hot enough to use for metallurgy; to coal, which is much more convenient than destroying your forests—some of the first laws about the environment were passed about 700 years ago, when regulations were made to reduce the destruction of forests for the production of charcoal! So using coal is much more environmentally friendly than using wood.

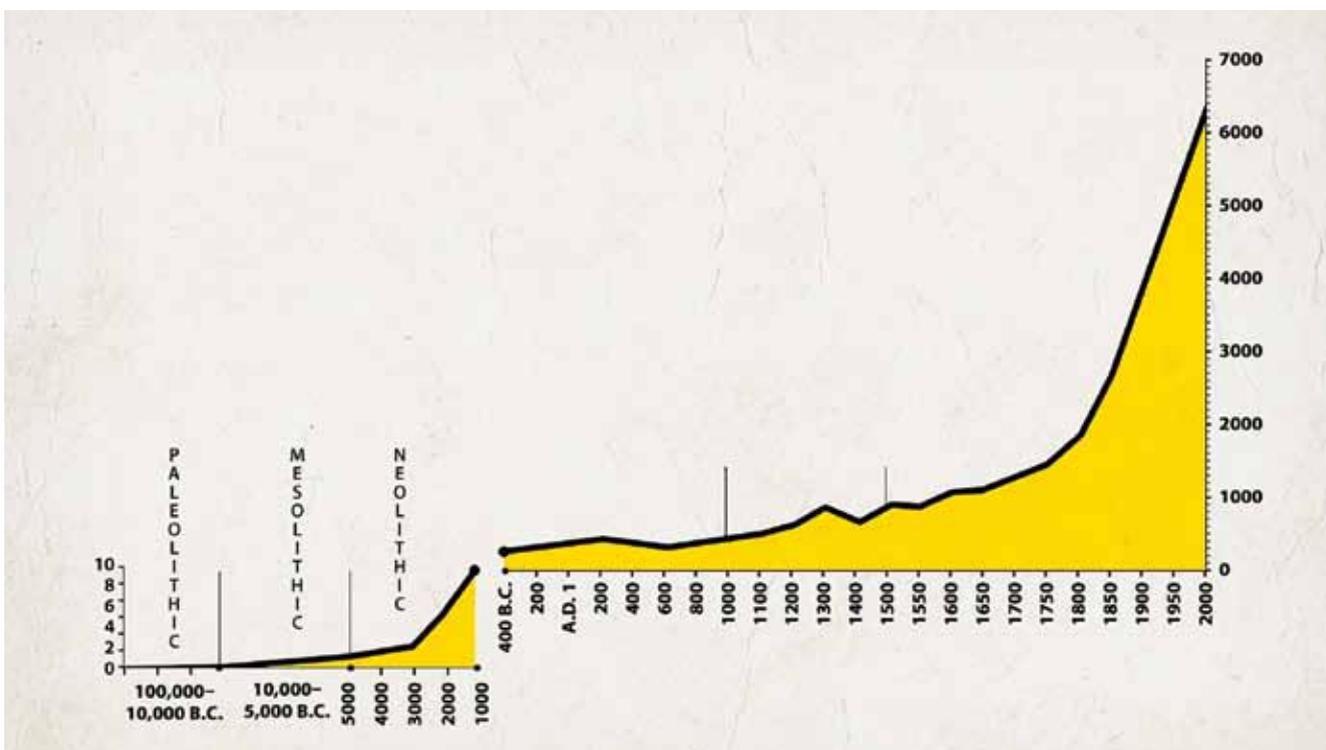
And then, the use of fission: Why didn't fission go up? Why have we

stopped increasing our power?

### The Oligarchical Mindset

Figure 10 shows the population growth of the human species, and it goes up to 2000. Now, there's something very characteristic about this, as you know: It increases. It increases very dramatically around the time of the formation of the colonies of the United

FIGURE 10



States. We also see times of major setbacks, what you might call a dark age. We've seen times where plagues destroyed a third of the population in Europe, in times of economic collapse caused by empire.

**Figure 11** shows the rate of population growth: Now, some people say that the world's overpopulated. They don't usually offer to help that themselves—they usually offer to other people as their guinea pigs—but the Queen of England believes there should be about 1 billion people on this planet. Like Zeus, like earlier societies,—you can go back 4,000 years and hear the gods complaining about overpopulation. Today's environmentalists—really, anti-humanists—who use “environmentalism” as another word, they say we've got to cut the world's population.

And if you look at this chart, it's happening. The rate of growth of the world's population has been decreasing since the early '60s: Since President Kennedy's assassination, the growth of the world population, the direction of change of the people on this planet, has been going down.

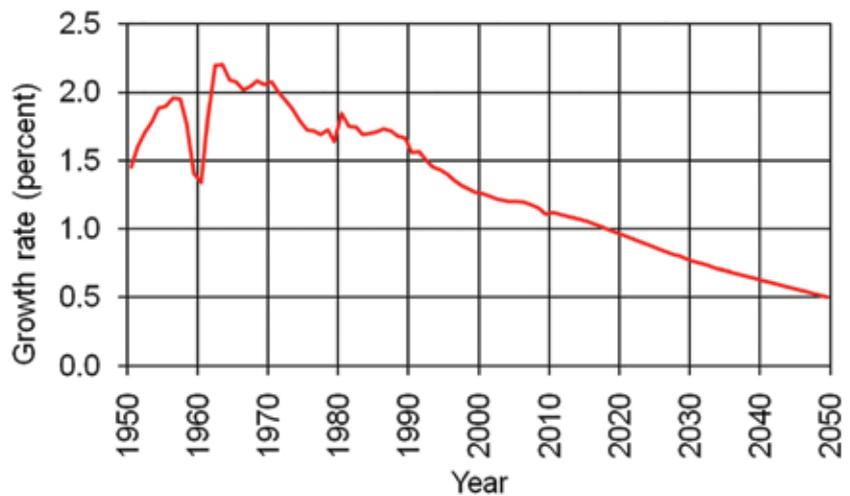
So, this isn't an accident. This is being done intentionally. The main way that's being done is through a new word for oligarchy, or Zeus, which is “green,” which says that the best goal for the human species, is not to exist! According to a Greenie, according to the green ideology, our goal is to have no impact on the world around us, that somehow “nature” is good the way that it is, and it's bad if we change it.

Now, you wouldn't apply that to anything else, unless you just don't like to change anything. I mean, if you've got something that's set up very well, that's good. If it's badly set up, change it!

For example, the water flow on the North American continent is horribly designed: A ton of water gets caught by the mountains along the western part of our continent, the rain falls, and it flows right into the ocean. Useless, wasted water! Terrible design! If you had an engineering firm that designed this, you'd fire them!

But that's the way our continent is designed; there's nothing good about it. We need to improve that, bring the water inland, make it more useful, increase the productivity of this water cycle: That's natural. That is op-

FIGURE 11  
**World Population Growth Rates: 1950-2050**



Source: U.S. Census Bureau, International Data Base, June 2011 Update.

posed by the oligarchical forces which say that it is easiest to control a population, treated as animals, when they are kept stupid and when they are kept poor.

I'm going to read two quotes about this. The first, this is a quote from 4,000 years ago, from a Mesopotamian epic, the Atra-Hasis. Here, the gods are complaining. They say about people:

The load is excessive, it is killing us,  
Our work is too hard, the trouble is too much,  
So every single one of us gods has agreed to  
complain to Enlil [Zeus at that time]  
The country was as noisy as a bellowing bull  
The god grew restless at their racket,  
Enlil had to listen to their noise.  
He addressed the great gods:  
“The noise of mankind has become too much,  
I am losing sleep over their racket.  
Give the order that the surrupu-disease shall  
break out!”

“Overpopulation” is not new.

I couldn't help but notice that this sounds exactly like Zero Population Growth founder and fellow of the British Royal Society Paul Ehrlich, who evidently has some social problems, in addition to his other difficulties. In the prologue to his stupid book, *The Population Bomb* (1968), which is completely wrong and should prove to anybody that he's an idiot, he wrote:

I have understood the population explosion intellectually for a long time. I came to understand it emotionally one stinking hot night in Delhi a few years ago. My wife and daughter and I were returning to our hotel in an ancient taxi. The seats were hopping with fleas. . . . As we crawled through the city, we entered a crowded slum area. The temperature was well over 100, and the air was a haze of dust and smoke. The streets seemed alive with people. People eating, people washing, people sleeping. People visiting, arguing, and screaming. People thrusting their dirty hands through the taxi window, begging. People defecating and urinating. People clinging to buses. People herding animals. *People, people, people, people!* As we moved slowly through the mob, hand horns squawking, the dust, the noise, heat and cooking fires gave the scene a hellish aspect. Would we *ever* get to our hotel?

Now, I don't see a big emotional difference between the outlook of Paul Ehrlich and the god Enlil, in the 19th Century B.C., of a hatred of having too many people around, disturbing the peace of a few who should be

ruling over the rest of the mankind, ideally capriciously—that's the ideal type of ruler. And the techniques used to implement that today, best fit under the category of Greenism, which says: no development, no nuclear. You know, every plant is a Fukushima. Fukushima! There was an earthquake and a tsunami! This wasn't a nuclear plant that had a problem: ask all the people who died there. They weren't killed by that nuclear plant.

### Defeat 'Greenism'!

It's something we have to completely eliminate as an outlook. We can't compromise with Greenism. It has to be swept away, and we have to replace it with a fight for the development of the human species, to the level where all human beings—this is the goal—will have the opportunity to contribute something of truly lasting value.

Five thousand years ago, the creation of bronze was developed. We don't know by whom, we don't know their names, we don't know what their family was like. Well, what those people did, whoever it was who developed this, if it was one person, or maybe many people independently, what we do know is that action had an effect which continues today, which fundamentally transformed the human species.

Not many people in history have had lives that contributed to making that happen. And the times when it's most possible have been the times when empire was the weakest. The creation of the United States was the opportunity to rid humanity of control by oligarchism, as expressed in Europe at the time by those who founded the United States, to create a society that was able to resist oligarchism, to develop for the well-being of people, and where the pursuit of happiness, the increasing perfection of others, could become the goal of its citizens.

That's the goal that the United States has to take up again, which will only be possible by ousting Obama, making a *complete* 180 on our economic policy, the re-implementation of Glass-Steagall, the creation of a credit system, and the adoption of long-term projects for future wealth creation, for the future creation of *value*, which, as we've discussed today, comes in physical transformations in our ability to live.

So that's the mission that we have to have, and I think that this very short overview, considering how many years of history this involves, gives a better idea of what is really valuable, and on what economic wealth exists.

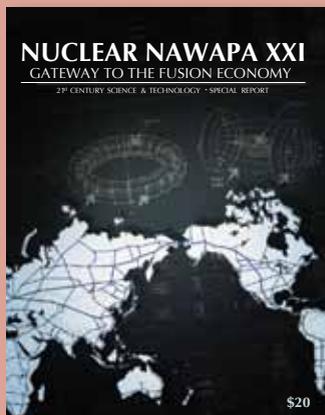
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## Editorial

# Take the Queen's Finger Off the Button!

Those who doubt that the current crisis in Ukraine is guided “from the top,” by assets of a British Empire determined to crush Russian resistance to its New Feudal globalization plan, need look no further than a London *Economist* scenario published on March 17, 2007. The scenario outlined in that article, which was written on the occasion of the 50th anniversary of the EU, has such an eerie resemblance to current events, that it should provoke the reader to acknowledge the truth: The current conflict is being manipulated by the intentions of an evil British Empire—and the destruction of the power of that Empire over the United States is the *only* way to end the danger.

The leading methods for destroying the Empire, as outlined by Lyndon LaRouche, are: 1) impeach British puppet Obama; and 2) reinstate Glass-Steagall.

The following quote comes from a March 7, 2008 *EIR* article by Rachel Douglas, “British Imperial Strategists Push EU To Confront Russia,” which reviewed the March 2007 article (see [www.larouchepub.com](http://www.larouchepub.com)).

The *Economist* package, dedicated to the European Union at 100, and written from the standpoint of 2057, begins with the following scenario:

“The EU is celebrating its 100th birthday with quiet satisfaction. Predictions when it turns 50 that it was doomed to irrelevance in a world dominated by America, China and India proved wide of the mark. A turning point was the bursting of America’s housing bubble and the collapse of the dollar early in the presidency of Barack Obama in 2010. . . . The other cause for quiet satisfaction has been the EU’s foreign policy. In the dangerous second decade of the century, when Vladimir Putin returned for a third term as Russian president and

stood poised to invade Ukraine, *it was the EU that pushed the Obama administration to threaten massive nuclear retaliation. . .*” (emphasis added).

Did the message sink in? Here we have a mouthpiece for the British Empire admitting that its instrument, the EU, is going to get its puppet, Barack Obama, to threaten nuclear war against Russia over Ukraine! This was public in 2007!

Even worse, we find that this very scenario is active today—and the American Congress, and American people, are apparently prepared to let it happen, on the assumption that “it can’t be that bad,” and “everything will turn out all right.” Indeed, the *Economist* scenario assumed the same—predicting that Russia would capitulate and submit.

This is pure fantasy. Russian leaders have made it abundantly clear that they know their enemies’ intention, and they are prepared to fight back. That pathway leads nowhere but to nuclear extinction.

Lyndon LaRouche—from the opposite standpoint—also forecast the current scenario of confrontation, but he provided a totally different approach. The crux of war avoidance, he has stressed, is to *eliminate the power of the British Empire*. This is done, first, by removing that Empire’s power over the United States, by removing the British puppet in the White House. Without a British stooge having his finger on the nuclear button, the danger is greatly lessened.

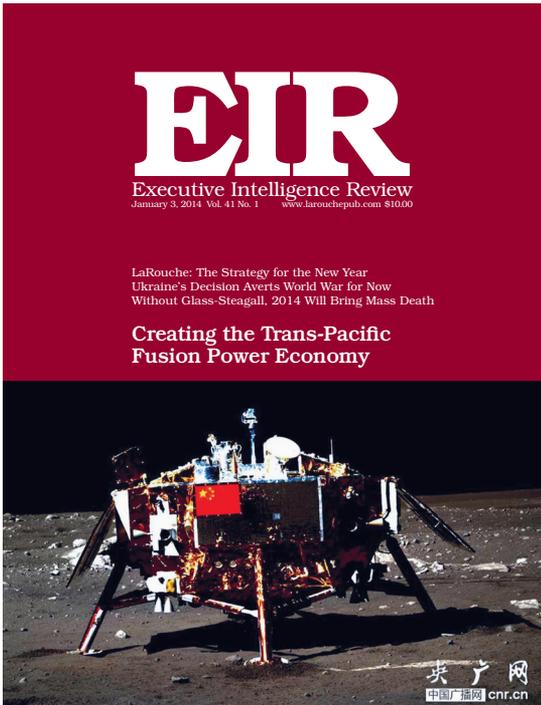
Second, the Empire’s control over the United States as a nation must be broken, by crushing its financial power (including that of its appendage Wall Street) with Glass-Steagall.

The time has come when patriots have no other choices. We are staring at catastrophe *unless we act now*.

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