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Now! Truth & Humanity! Against Dictatorship!
Anglo-Saudi Apparatus Out To Sabotage Iran Talks
A Scientific Pedagogy for the Human Mind

**Two Systems Before the World:
Prometheus Versus Zeus**



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EIR

From the Editor

Lyndon LaRouche's Jan. 10 webcast, our cover story, provides the global picture, accurately and in detail, which has never been publicized by any agency, publicly, before. You can only get such an accurate assessment of the international situation in LaRouche publications, and this one was put together consciously, to present the fundamental choice mankind faces, between the Promethean principle and that of the oligarchic Zeus.

Our news analyses are composed to serve as more detailed back-ups to that thorough composition.

First, in *Economics*, the stark contrast between the Chinese Moon landing, and the Hell being visited on the former Soviet nations who have joined the European Union—a concrete reflection of the two diverging paths before mankind today.

In *International*, we primarily take up the war danger, which should be at the forefront of our concerns. The Saudi-British nexus remains dangerously active, now against the impending deal around Iran, and an in-depth study by the editor of our Arabic website, Hussein Askary, on Iraq and Syria, amplifies that picture. The British Empire's thrust for control and war in Asia is further presented in "The Intended British Blackmail of East Asia," along with an update on the situation in Thailand, where the Empire has gone mad to stop development.

In the National section, we take up two crucial flanks to shift this situation, both of which must be done along with ousting British puppet Obama. First, Glass-Steagall, the only alternative to the danger of global collapse, and second, the release of the classified 28 pages of the Congressional 9/11 Inquiry, which will reveal the Saudi role in terror then, and now.

We then shift to two major features. "Against Dictatorship" is LaRouche's impassioned appeal for mankind to throw off submission to the oppression of Zeus, which has made man stupid, even suicidal (*Feature*). The second is a breakthrough pedagogical discussion of scientific method by Basement researcher Liona Fan-Chiang, built around a presentation on the New Paradigm show on the development of the universe, starting from the Periodic Table of elements (*Science*).

Throughout the issue, the alternatives should be clear: Prometheus, or Zeus.



Cover This Week

*Prometheus
Giving Fire to
Man, Roman
mosaic, 1st
Century A.D.*



4 LaRouche Webcast: Two Systems Before the World: Prometheus Versus Zeus

The transcript of the regular Friday evening LaRouchePAC webcast with Lyndon LaRouche, on Jan. 10, in which he responds to questions put to him by LaRouchePAC's Jason Ross, and *EIR* Editorial Board member Dennis Small. Topics included LaRouche's assessment of Treasury Secretary Jack Lew's visit to Europe in which he demanded that the ECB adopt the Fed's QE policy; U.S.-Russia relations in the wake of terrorist attacks on Russia; the "Bridge-gate" scandal overtaking New Jersey's larger-than-life Gov. Chris Christie; and the British Empire's determination to radically downsize the world's population through any means necessary, including thermonuclear war. The question, LaRouche indicated, comes down to, "How does Prometheus defeat Zeus?"

Economics

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The successful Dec. 14 landing of China's Chang'e-3 spacecraft on the Moon, and deployment a few hours later of the Yutu lunar rover, have laid the basis for China's long-term goal of the industrial development of the Moon.

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Economists from Russia and Ukraine, notably two friends of the LaRouche movement, are broadcasting the facts and figures showing how Ukraine and other Eastern European countries have been, or will be, destroyed by membership in the EU; these economists are also offering solutions.

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The recent terrorist attacks on the Russian cities of Volgograd and Stavropol make clear that Russia is now being targeted by the same circles that carried out the 9/11 atrocity in the U.S., and on Benghazi in 2012. A key objective is to torpedo the P5+1 negotiations with Iran.

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Both the United States and Russia are providing assistance to the beleaguered Iraqi government of Prime Minister al-Maliki, who has called for a world war on terror; at the same time, sane forces in the U.S. are cooperating with Moscow in the attempt to resolve the bitter Syrian crisis—but in both cases, they are up against the Anglo-Saudi terror nexus. Hussein Askary reports.

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At a Congressional hearing of the Senate Banking committee Jan. 6, four prominent economists admitted that neither Dodd-Frank, nor its vaunted Volcker Rule, will prevent another 2008-style crash. Sen. Elizabeth Warren went further, suggesting that nothing other than Glass-Steagall will work.

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Efforts are intensifying to force declassification of the still-suppressed 28 pages of the Congressional report dealing with the Saudi role in 9/11.

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By Lyndon H. LaRouche, Jr. "I, personally, have been among those who had been privileged to be informed with a significant span of a depth of knowledge of the relevant, exact physical evidence which proves the actually historical case against Zeus, and, otherwise, therefore, proves the contrary case for Zeus's traditional adversary, Prometheus, as that action had been accomplished with precisely modern scientific precision by competent authorities in such matters.."

Science

53 **The LaRouchePAC Weekly Report: A Scientific Pedagogy for the Human Mind**

The transcript of the Jan. 8 Weekly Report, featuring a dialogue between Lyndon LaRouche and the Basement Research Team's Liona Fan-Chiang, with introductory remarks by LaRouchePAC's Jason Ross. Fan-Chiang, using the heuristic device of the Periodic Table, demonstrated that the true subject of science is the human mind, with which LaRouche heartily concurred.

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LAROUCHE WEBCAST

Two Systems Before the World: Prometheus Versus Zeus

This is the transcript of the regular Friday evening LaRouchePAC [webcast](#) with Lyndon LaRouche, on Jan. 10. The moderator is Jason Ross, and Dennis Small, a member of the EIR Editorial Board, joined him in posing questions to LaRouche.

Jason Ross: Mr. LaRouche would like to jump right in with the first question. This comes from an institutional source in Washington, D.C.:

“We would like your assessment of the present European crisis from the following standpoint: U.S. Treasury Secretary Jack Lew has been in Europe this week, demanding that the European Central Bank adopt the U.S. Fed policy of unbridled quantitative easing, including the ECB purchasing of vast amounts of worthless securities from the major European banks. Under this policy, the Fed has expanded its own balance sheets from just around \$800 million in 2008 to nearly \$4 trillion today. How do you assess this policy and what is your evaluation of the current financial and economic situation in Europe? What are the alternatives for both Europe and the United States?”

Jack Lew Is an Irrelevant Fool

Lyndon LaRouche: Okay. This is a rough one; not rough for me, but rough for a lot of other people. First of all, Jack Lew is a fool, and having him around means that there are a lot of fools supporting him or associating with him. Because none of that is going to do any

good—it will only do very bad to the United States at an accelerating rate, an accelerating rate which has been going on since the Obama crash, which was an ensuing crash which had already been brought on by the last Bush Administration.

In fact, the entire physical economy, that is the net effect of the physical economy—what you can eat and what you can wear and how many jobs you can have—has been in decline since the assassination of Jack Kennedy and the start of the Indo-China War.

Since that transition, the United States has been in a continuing slide downward in real economic conditions per capita. We have, with the advent of the cancellation of Glass-Steagall, set into motion an accelerated rate of decline which was picked up under the Bush Administration that followed.

And it's been a disaster, including the Bush Administration's cover-up of the Saudi initiation, with British association, of what happened on 9/11. But [G.W.] Bush is only the fool who filled that seat; a whole other group of people actually ran the government in the name of the Bush family. From Prescott Bush on, the Bush family has been the center of the greatest travesty, political travesty, in the leading circles of government of the United States *ever*, as a continuity. Because it was Prescott Bush who actually put Adolf Hitler into power in Germany, [whereupon Hitler] launched the T4 program of genocide, which launched the general genocide practiced by the Nazi regime from that point on.



White House/Pete Souza

The fools in charge of economic policy under Obama, such as Treasury Secretary Jack Lew (center) and former Treasury Secretary Tim Geithner (right), are carrying out a policy to destroy the United States and Europe. They continue a policy started after the assassination of President Kennedy.

And this is the policy of the British Queen, today. Her policies, which have been posed by herself repeatedly since what happened in Denmark, [the Copenhagen Conference], that the whole system has been going down into a Nazi-style effect throughout the trans-Atlantic region.

The Dirty Side of the Bush Family

Now, in that context, the United States—under junior Bush nominally; he really is part of the Bush family, so he's really responsible. If you include Prescott Bush, you've got the dirty side of the Bush family. And they've become increasingly evil in effect over the recent years. Except for the fact that Prescott Bush made Adolf Hitler possible. And so, that's not a good family to be associated with! Maybe you'll find some peripheral people from side branches of the family who are sane and may be reasonable. But the family of Prescott Bush, the George Bush family in the Presidency, has been the greatest travesty in United States history since that time.

And Bush came into power actually in terms of the

CIA position he occupied. George H.W. Bush's entry into that role as the CIA director has been the source of the corruption which has taken over the United States politically and strategically ever since. It was that Bush, then coming in as a Vice President of the United States, in opposition to the President of the United States, who set us up for destruction during the two terms of office of the President [Ronald Reagan] at that time.

We had another President [Bill Clinton] who had two terms, because Bush as a President was such a bum. George H.W. Bush was such a failure and so disgusting that we elected a guy from the South, who served two terms with a piece of crap on his back all the time as Vice President [Al Gore].

I'm talking frankly, because you've come to the time when you can't be a gentleman about being polite. You've got to tell the truth for a change, and not do doubletalk to try to convince somebody to behave themselves.

So that was that process.

Now, from the moment Clinton left the office of President in his second term, and the cancellation of Glass-Steagall in that context—where a Clinton who was being intimidated and blackmailed went ahead with cancelling Glass-Steagall—from that point on, with the entry of George W. Bush, Jr. into the nominal occupation of the Presidency, the United States went through an accelerating rate of collapse. Now that's the reality which Jack Lew represents.

This became worse with Obama, because Obama's first significant measure during his first term in office, his first *year* in office, was to set forth a program of genocide, which was identified by some leading publications in the United States at that time: *Time* magazine, on the medical program which Obama was installing. And at that time that magazine exposed the fact that Obama's central policy, from the beginning of his administration, was a program of genocide against the American people. And we've been enduring genocide under the Obama Administration—whether he did it himself or not, but he did it, as President.

I attacked that during the first year of his term, decisively. I had all the evidence; he should have been thrown out of office in his first year in office. And the gutless wonders who didn't throw him out of office, on

the basis of the fact that he had a Hitler-style program, an Adolf Hitler-style program of genocide in the name of health care. What he has done recently, beginning to implement this year, was a genocide program worse in effect than what was done by Adolf Hitler in the period of his T4 operation, which led to the general genocide and the victimization and mass extermination of the Jewish population in Europe at that time.

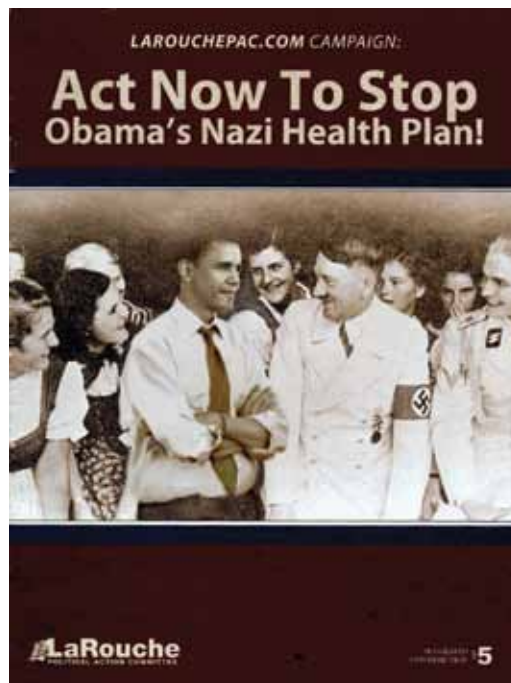
So this is the Obama, the President Obama, who corresponds to that particular history of the United States and beyond. So, this Jack Lew thing is a really tragic, silly joke. Worse than silly, it's a criminal joke in terms of its silliness. It has nothing to do with any possibility of an economic recovery or alleviation of the evil under this administration.

The only way you can save the U.S. economy is to throw Barack Obama out of the Presidency by impeachment, or by his voluntary resignation without impeachment. In other words, what happened with Nixon; instead of being really impeached and put into prison for his crimes, he was given a safe ticket out, where he would still be allowed to run around loose, as an ex-President, when he might have been more appropriately sent to jail for the crimes which had led to his impeachment. That's kind of the way the things went, and that led into the first "Bush Administration" really, when George H.W. Bush became CIA director.

That's the real history behind the question posed.

The Facts About 9/11

Now let's look at what the implications are outside those considerations. Look at the condition of the banking system of the trans-Atlantic region. Don't look at the world as a whole. There are very bad parts of Eurasia, mostly organized by the British with the consent of the President. What happened, essentially, was the 9/11 operation, which was funded by the [Saudi] monarchy as such, but also the British Empire—under the



Obama's move to implement a Nazi-style health plan, immediately after his inauguration, was quickly identified by LaRouche, who insisted that Obama's policy was an "impeachable offense"—a reality that persists today. Here, LaRouchePAC's pamphlet outlining the crime, May 2009.

cover of the British Empire, of which Saudi Arabia is an appendage, and is really a part of the British Empire, or the British-Dutch Empire, if you choose to make fine points. Under those conditions, we had the 9/11 operation against the United States, guided from within the United States by the then-Saudi ambassador [Bandar bin Sultan], who's now the top-ranking official inside Saudi Arabia.

The terrorism that has occurred in modern European history since I first got into this, was my exposure of what had happened when I was still recovering from a major illness. I set up a TV program ["Storm over Asia," 1999] and a [report](#), which identified the core, after the breakdown of the Soviet Union, of a new wave of terrorism. That wave of terrorism has now spread into international terror-

ism of the type that the Saudis and others represent. There was a fragmenting and a break-up of the Soviet Union; one section of the broken-up party became the center of international terrorism, of the type that we are concerned about most among nations today.

So therefore, we've gone through almost four terms of office of the Presidency—two terms of Junior Bush and one-plus terms of Obama. Under these three-plus terms, the United States has gone through the greatest rate of plunge of disintegration in its history. And in the same time, the rate of hyperinflation by the cancellation of Glass-Steagall, has caused the whole launching of everything. It was in the first year of poor Junior Bush's term of office that 9/11 was pushed through and the cover-up of the 9/11 authorship, which happened to be the British monarchy and its subsidiary Saudi agency. The Saudi Kingdom was used through the then-Saudi ambassador to the United States as the control agent for the organization of the entire 9/11 operation. The financial record of the transactions which set up 9/11 by the Anglo-Dutch-Saudi interests, is on the record as fact. This is not a debate, this is not an interpretation, this is not a deduction; this is a fact. It's not debatable, except

the sanity of the people who try to pretend it's not true.

And that is the condition which is reported in this question today. So the question, while some of the facts are true as quoted, the question proposes answers which have no relationship to other parts of the question. It is simply the fact that people are asking me implicitly, how I respond to a lie. And they have relayed to me what the lie is that I have to respond to. And thus, I should say, I have responded.

The Empire Versus Eurasia

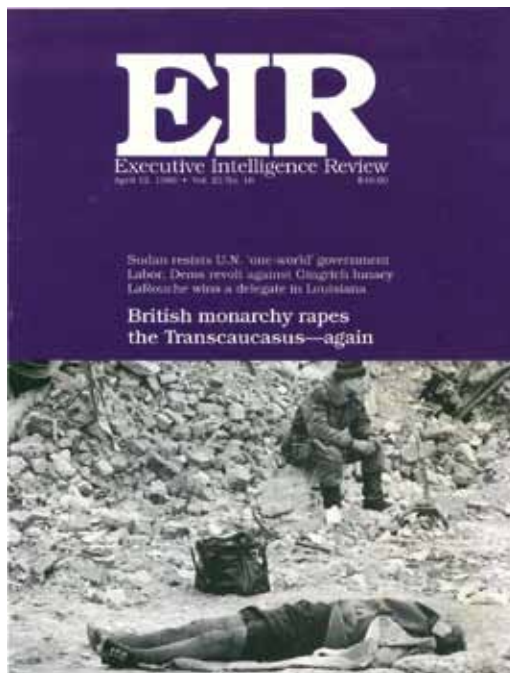
Ross: Okay, I'll change the order a little bit and follow up on the theme that you ended with, of Saudi Arabia and 9/11, and your video "[Storm over Asia](#)."

So, as the next question, let's take up U.S.-Russian relations.

After the two late-December bombing attacks in Southern Russia, presumably by Islamist insurgents, there was a press release from the Department of Defense last Saturday referring to a positive, cooperative discussion between Secretary of Defense Chuck Hagel and Russian Defense Minister Sergei Shoygu on "the need to ... deepen our nations' counterterrorism cooperation."

Since the breakup of the U.S.S.R., as you laid out in your 1999 documentary "Storm Over Asia," Russia has been plagued by terrorism, in particular, from the North Caucasus region. While the State Department's Country Reports on Terrorism documented a steep decline in terror attacks in Russia from a high of 800 in 2009, to fewer than 200 in 2012, still, this continues to be a scourge on the Russian Federation, and also a major concern leading into the Winter Olympic Games in Sochi starting Feb. 7.

In that context, there were leaked reports posted to the London *Telegraph* in late August reporting that Saudi Intelligence Minister Bandar bin Sultan openly threatened Russian President Putin saying, "the Chechen groups that threaten the security of the [Olympic] games are controlled by us," and that Saudi Arabia



EIR began to identify the British networks seeking the break-up of Russia in the mid-1990s, and LaRouche provided an in-depth strategic picture of that threat in his 1999 "Storm Over Asia" video. The networks exposed in EIR, such as this one from April 12, 1996, are the ones still threatening war and terror today.

would offer anti-terror protection in Sochi only if Putin were to change his stance vis-à-vis Syria.

On the U.S. side, the issue of counterterrorism is currently moving to the top of the agenda, as Representatives Walter Jones and Stephen Lynch just issued a Dear Colleague letter this week, calling on all Members of Congress to read the redacted 28 pages of the 2004 Congressional Joint Inquiry Report on 9/11, and also to co-sponsor H.Res. 428 calling upon President Obama to publicly release the 28 pages. Those 28 pages demonstrate and discuss the foreign sponsorship of the 9/11 attacks, and, it is said, Saudi support for the hijackers. Representative Lynch also insisted in an interview earlier this week that the material in those pages could help Congress put the Syrian situation in context—namely, the

current Saudi arming and supporting of al-Qaeda-linked rebels in the region, while pushing for Western strikes.

So, Mr. LaRouche, you have continually focused on the significance of the Anglo-Saudi collusion to pull off the 9/11 terrorist attacks. You've also focused, as today, on the threats against Russia from similar terrorist networks, and you've warned of the danger of thermonuclear war breaking out in this context. How do you see these developments, and what should be done to counter these threats to the U.S., Russia, and other nations as well?

LaRouche: Well, let's look at the practical aspects of the questions posed. We're now in a situation where the world, in terms of power globally, with some eccentricities within the pattern which I will describe—there are some exceptional little things, but they're minor parts of two different elements of the division of the planet, the composition of the nations of this planet—the entire planet is now under the influence of a single common trend. There are no differences in trends so significant, they do not fit into a concept of a conflict

which divides the entire world into two essential parts.

On the one hand, you have in the trans-Atlantic region, a pattern of accelerating collapse of the physical economy. That collapse is determined and impelled, by the British monarchy—the same British monarchy involved in 9/11 and the authorship of 9/11. Because it was not just simply a Saudi operation; it was an Anglo-Dutch-Saudi combination, with the Anglo-Dutch element of the Queen of England and her neighborhood. And then, the Obama factor in this thing now. The British monarchy is the key controlling factor, still to this day, in fact, in that sector of the world, the trans-Atlantic region. The entire trans-Atlantic region is under a financial manipulation system, controlled essentially by the British monarchy; the British monarchy, not as England, not as Britain, but as a part of the whole British Empire. And everything associated with the British Empire is essentially this same thing.

That is the enemy of humanity! The principal enemy of humanity is that British-centered system, which has enveloped control over the United States through the aid of people like Prescott Bush. There are other people who were also in the same package that Prescott Bush was involved in, but Prescott Bush created Adolf Hitler, by redeeming him from bankruptcy in Germany. When Hitler was hit with bankruptcy for his campaign debts, he would have been eliminated from a position of power in Germany. It was the fact that Prescott Bush, and his confederates of the same crew, centered in London and New York City, in that area, and also in Washington—this is what created this mess, this combination.

On the other side of the accounts, you have another section of the world, which is not purely of one characteristic. For example, [the terrorism described in] “Storm Over Asia” was done by a certain unit, which had been part of the Soviet Union, which became the core of all worldwide terrorism, from that point. So, there’s a single source, which I first exposed, from my studies, with a video which documented the initiation of terrorism from out of the former Soviet Union.

This terrorism still exists today, and is the core of the terrorism neighboring Russia, as such. That was where it was started, in the neighborhood of the breakup of the Soviet Union, a certain element which had been formerly a part of the Soviet Union, grew up under foreign influence and sponsorship, considered a vulnerable point, in terms of the European or Eurasian system, and decided that they were going to work on creating a



White House/Eric Draper

The British monarchy’s policy of depopulation has been carried out by agents inside the United States, as on Wall Street and the Presidency. Here, President George W. Bush, one of those despicable Presidents, toasts Queen Elizabeth II during her state visit in May 2007.

terrorist movement in this pinnacle, which had been formerly part of the Soviet Union, launched by the British Empire, that set into motion the first of that significant form of terrorism, which prevails in many parts of the world today. This coincides with drug operations, drug-supporting operations, of legalizing drugs. These are all part of the same system, and it all centers on the British Empire!

But now what’s happened? Now, because of the British Empire’s attempt to crush Asia, Eurasia actually, an interesting thing has happened. We now have a Eurasian sector of this whole part of the planet. It’s not a pure one, but the dominant elements in this part of the planet—which means Western Europe, Central Europe, is a part of this trans-Atlantic region; the part from that point east, is now a part of the Eurasian region.

The drug operations in the trans-Atlantic region are actually a destructive factor in that region. The impoverishment which was introduced by the “Green” policy, introduced by Britain into the United States over the course of the 1960s, and launched by aid of the assas-

sination of President Kennedy; the Kennedy assassination and the immediate sequel of a war in Indo-China, in which the United States would never have been involved, but for the assassination of Kennedy. That determined the policy, and since that time, the economy of the United States, for the people of the United States, has, in physical terms, been in constant decline, into ruins today, as a result of that process.

That process is typified of the British Empire's determination, by the *Queen herself*, who came out in the open on this, in the wake of the Copenhagen events, saying that she was committed—and repeatedly stated this; had large assemblies of British, you know, what do you call them, the big asses—they backed her in a policy of reduction of the human population at a rapid rate, which amounted to her commitment to reduce the human species from what had been approaching 7 billion persons, down to 1.

The intention of the British monarch and her empire, is to do exactly that. This is called the “Green policy.” And the Green changes in the United States, have been a crucial means by which the United States has been destroyed, and the people of the United States are now being *murdered*. Why are they being murdered? Because the Queen has a Green policy, with embellishments attached to it, which have increased the decline of the potential lifespan, and numbers of people who can live, inside the United States itself. There is no problem of poverty in the United States which is not a product of these factors, where the British Empire, working from *inside*, from their influence in Wall Street and other parts of the United States, has actually conducted an economic program, which has impoverished the United States consistently, from the time the South-east Asian War started.

That's the history. So, therefore, what we're faced with today, is the following result. We now have a trans-Atlantic region of the world, which is in an accelerating rate of decline. Look at the conditions in Spain, Portugal, now France also; the death rate's acceleration, by economic means, and others, in terms of Greece, and so forth; Southern Italy is a real travesty area, the old Southern Italy area, and other places.

A Divided World

So therefore, we've come to a world situation where the world is divided now into two groups: The area which is going through reduction, which was the trans-Atlantic area, that system is now crashing. The United

States *is dying*! It's *dying* of the Obama Administration, and it was already dying under the young Bush Administration, even though young Bush didn't have the brains to be a menace, that is, not on any scale like that. But he had advisors who ran him. He came from the Bush family, the Prescott Bush family, but he was just a run-away drug addict kind of President. He wasn't really that brain-effective. The other people involved were much more clever and knew much more what the business was all about, and that was the Wall Street crowd.

So, you're looking at this problem.

Now, what does that lead to? The fact is, the trans-Atlantic region as a whole in net has been in a state of collapse, of *physical economic* collapse; forget the money business, because that is money business, or otherwise called “monkey business.” But the reality is, that at the same time, since the recent period, Russia has gone from impoverishment toward recovery, a very significant recovery, economically and physically. It is now, again, with the consolidation of the close relations of Ukraine and Russia itself, there has been an immediate reversal in the ability of the trans-Atlantic region to launch a successful thermonuclear war against Russia. And up until the time that that had been settled, where Ukraine had not been pulled over into the control by a bankrupt Europe, at that point, then the conflict became acute.

Now, as a result of that, the ability of the British interests, including the United States as a puppet, a virtual puppet, has been lost. They do not have the capability, strategically, to go ahead and simply win a victory of defeating Russia and China and so forth; they can't do that any more. Now, they come down to a struggle which they still try to maintain, and that struggle will continue; we don't know how long. But what's happening is, under the new administration in China, there's been a very sharp acceleration of very high-technology progress.

China, most recently, in a landing up there on the Moon, they not only hit the Moon, which had been done before, but they had a team and a capability which is a thermonuclear capability, so that mankind operating in China and in cooperation with other nations, now has the prospective capability, an assured capability, if they continue the program, the available thermonuclear fuel on the Moon [helium-3]—this can not be used that way in that degree on the Earth, because the magnetic field of Earth itself prevents them from utilizing the full-



Russian Presidential Press and Information Office

Russia, China, India, and other countries of Eurasia, represent the core of a grouping that is capable of leading the Earth, against the British Empire, and for prosperity, LaRouche argues. Here, Russian President Putin (right) meets with Chinese President Xi Jinping in the Kremlin in March of 2013.

scale potential of this rich material. Now this rich material, portends a thermonuclear fusion kind of process; it is not in itself a raw material which can be victorious in a real sense. It can accomplish a great deal on the Moon itself, to bring to Earth, fruits of production conducted on the Moon on such. So if China and other nations cooperate, to continue this program on the Moon, then you will have the ability to develop thermonuclear capabilities, on the Moon, which will feed these thermonuclear capabilities back, as a nutrient, to the Earth itself, the people on the Earth itself.

This is what the China development has meant, this particular space development. It's the greatest thing in technology that has ever been actually achieved! And China is now the author of the potential of executing that technology.

So therefore, there's the situation. And Russia, and India, China and other countries, of the Eurasian group, represent a *core* of the entire Eurasian group, which is capable of really leading the Earth. And what we should be doing, is dumping the British influence, dumping all these guys, and joining together, as the United States, *independent* of the British Empire, freeing itself from the grip of the British Empire, and from the drug-trafficking that the British Empire has imposed throughout the Americas. If we do that, then, by finding real cooperation, with a bankrupted United States, the people of the bankrupted United States *can recover* from these

disasters which are now ongoing.

The problem is that the trans-Atlantic region is controlled, essentially, by the British Empire, and it *is* a British Empire. Anyone who thinks the United States is not controlled, top-down, from the British Empire, is some kind of a blind idiot, because that's the fact of the matter.

If we in the United States decide to free ourselves from becoming mere cattle, of the British Empire, all we have to do is now go to Russia, India, China, and some other countries in that region, and say, "Let's make a deal," a peaceful deal! End this war crap! Because if you're going to conduct global war, it will be thermonuclear war, and thermonuclear warfare threatens the extinction of the human species. So continuing the present policy of confrontation, between the West and the East, so-called, that confrontation policy is a *fatal* policy,

for anybody who buys into it.

We have to realize that we can no longer fight general warfare on this planet, among the nations of this planet. Therefore, we have to make new agreements, which restore the United States *to its actual Constitution*, and under those terms, of our tradition as a constitutional principle, a *true* constitutional principle, no British fakers allowed in on the deal! They can deal from outside the United States, not from inside the United States: That's the policy we must have. If we have that policy, and if China, Russia, and India, and some other nations agree with that policy, we can not only save the United States, but create the preconditions for the survival and recovery of Europe.

This also means that that kind of unity among that coalition of governments, of combining the viable elements of the trans-Atlantic region and of the Eurasian region, that means a revolution of the type we need. That means that by using things like thermonuclear technology on the Moon, and really applying it for its *true, scientific implications* of production, we can not only rescue particular parts of the problem of this planet, we can also create the greatest achievement that mankind has ever accomplished. And the ability to do so lies within our hands immediately.

Ross: I'd like to ask *Executive Intelligence Review's* Dennis Small to ask the next question.

Implications of the Christie Scandal

Dennis Small: Good evening. The next question was sent in by Diane Sare, who was a LaRouche gubernatorial candidate in N.J. She says:

“Lyn, As you know, in my recent gubernatorial campaign, I made the point that [Republican New Jersey Governor] Chris Christie embodies the worst of Barack Obama and the Bush family legacy combined (perhaps explaining his large size). . . .

“The recently breaking exposé of Christie’s alleged role in ordering the closure of traffic lanes leading to the George Washington Bridge on the Fort Lee, New Jersey side, as retribution against a Democratic mayor who refused to endorse him, has the potential to be his political undoing.

“Is it merely that some Republicans have finally figured out that Governor Christie would be an oversized liability in the 2016 elections? Or, do you think that this has implications for Obama and/or Obama and Christie’s Wall Street and London backers?”

LaRouche: It does have implications which mean you will shut down Wall Street, in the United States! You will still have a banking system, but we will not have this bunch of crooks which is called Wall Street.

You remember, Franklin Roosevelt, when he came into the Presidency, the first thing he did was to clean out a good deal of Wall Street and send some of the chiefs of Wall Street to prison, for long, extended terms. The same measures should be taken now: Take the entire Wall Street crowd and put them into prison where they belong, or, simply into economic extinction. The economic extinction of Wall Street would be a long overdue, most salacious kind of thing to enjoy.

So therefore, how do we deal with Wall Street? Well, first of all, under our Constitution, since the formation of our republic—since the *formation* of our republic, and its first President—the United States has been committed to a policy which can be considered



White House/Pete Souza

Barack Obama and New Jersey Gov. Chris Christie are bosom buddies, in large part due to their common sponsorship by Wall Street. Here, the two yuk it up at a Point Pleasant Beach Arcade in May of 2013.

an anti-British policy! It was the anti-British policy, or actually an Anglo-Dutch policy; the British Empire is a product of the Dutch Empire. The Dutch Empire, through a series of wars, conquered the British Empire, and subordinated to it Dutch control: And the named the product of this whorish mess is the British Empire. Which is different than the Kingdom of Great Britain.

The Kingdom of Great Britain, or what became Great Britain, was actually a sovereign entity in its nature. It was a very *imperfect* sovereign entity, but it was a nation. Once the Anglo-Dutch combination had been established, and rechristened as the British Empire, as a big, bad joke against the people of England, and Ireland—because the murders of the Irish began with the Dutch! The mass-murder of the Irish by the Dutch is what created the British Empire, as the suppression of the first American Massachusetts Bay Colony, was crushed by *the same damned Dutch interests*. Which, in North America, were the Dutch financial interests, operating out of what we call New York City, today. That’s the history.

And that’s the way we have to look at this thing.

Now, look at this question of Christie. Christie is a slug! I mean, there’s no doubt about it, it’s all public.

He's a slug. He got an artificial belt, stuck under his skin, to try to hide the big, fat, slobby belly, which he's toting around—which is not really good for his health! But his health is not my greatest concern.

That's the situation: that this is a slug which should neither have been in office, anywhere, for anything, not in public office. And on his bellyaches, really, he should look at his waistline to see if he can relieve some of the pain.

Glass-Steagall, as War against the Empire

Small: Well, we can proceed from Governor Christie's tummy-tuck problems, to the broader problem that you just alluded to, with the necessary demise of Wall Street.

Beginning 2014, I think that pandemonium may in fact be the best word available to describe the state of play among international financial circles. You have a \$1.6 *quadrillion* speculative bubble: It's totally unpayable. It's growing, and the only thing that the bankers on both sides of the Atlantic can come up with, is more quantitative easing, and more thievery in the form of bail-in. But even if you add all of that together, you're talking about perhaps \$18 *trillion* combined, in bail-ins and bail-outs, against a speculative bubble that's 100 times that size: \$1.6 quadrillion!

So the only thing that these policies are actually good for, is not actually to save the speculative bubble, but the underlying intention of the Anglo-Dutch imperial policy you've repeatedly described, which is genocide, austerity. And that is well under way.

In the United States, the Obama Administration, this week, had the gall to publicize that unemployment has just *dropped* to 6.7%. But the fine print explains that the only reason for that supposed drop, is that droves of despairing people have simply left the labor force, because there are no jobs available. And so they're not even being counted among the unemployed. This kind of cover-up is almost enough to make an ostrich blush. In Europe, they at least have the decency to admit that unemployment officially is rising, although they lie about the total amount of unemployment, because the actual real rate of unemployment, according to our best calculations, is approximately *double* the official rate.

The entire thing is imploding.

Now, as the *Titanic* is sinking, you have more and more voices beginning to be raised about the question of reinstating Glass-Steagall, which is a policy that originated with you, Lyn, and has been echoed, almost

always in a much weaker form, by other forces. But we hear important voices in Italy; and a significant development this week came, just as the term of "Helicopter Ben" Bernanke at the Fed is about to end on Jan. 31, from one of the regional Fed governors, Kansas City Fed Governor Esther George, who stated in a speech: "Policymakers should consider alternatives that could foster both a safety system and a simpler regulatory framework. Such alternatives include strengthening the separation of banking and commerce or adopting a modern version of Glass-Steagall."

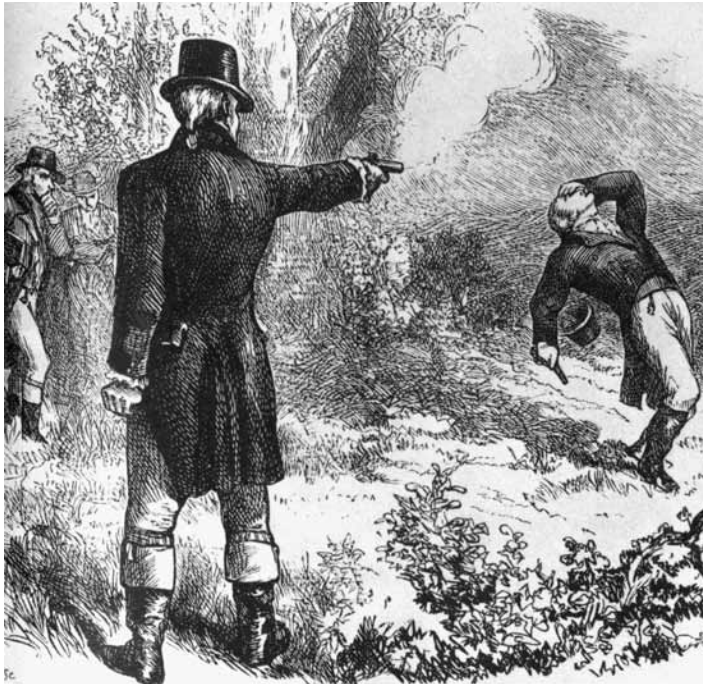
But there's a problem: Others may think in private, but you, Lyn, are the only one who has, as a public figure, actually stated clearly that Glass-Steagall is not some mere technical, monetary rejiggering of assets, but that it is a *war policy* designed to wipe out the City of London and Wall Street, and the oligarchical forces behind them.

Can you explain, for people's understanding, what Glass-Steagall actually means as a war policy?

LaRouche: Glass-Steagall was a reform against crooks, introduced under the initial period of President Roosevelt, our great President of that period. So what happened was, that the enemies of our President were victimized, as they should have been, by the Glass-Steagall Act. And the procedure under which the Glass-Steagall Act was introduced was to *cancel the great frauds* committed by foreign banking interests, which we call Wall Street. So what happened is, that President Roosevelt put many of these guys in prison, in due process. The supporters of Wall Street attempted to make a coup d'état of a Hitler style, inside the United States! And they were caught, by a great general of that period [Smedley Butler], and they were thrown into prison, and out of office at that time.

Glass-Steagall goes back, actually, to the struggle by Abraham Lincoln, and to other Presidents before then, against the corruption coming in from the British Empire. But the basis for this corruption was located, chiefly, in the area of New York City. And you go to the very beginning of that period, and the very end of the 18th Century, and you find out, we had a great statesman [Alexander Hamilton], who was murdered, assassinated, *by a British agent*, a British assassin who had been a key figure in controlling the New York area, which was the center of treason against the United States, through British banking!

British banking was controlling the flow of credit in the United States throughout that entire period. There



The center of corruption of the U.S. financial system began with Aaron Burr's assassination of Alexander Hamilton, the first of a string of assassinations (both character assassination and real murders) of patriotic Presidents. Glass-Steagall is needed to eliminate that corruption.

were periods, for example, under [President James] Monroe, and beyond, which had resisted that successfully. But when these guys were out of office, they brought in Andrew Jackson, and Jackson was an insane crook, controlled financially by the British Empire, and by the group of British-controlled and Dutch-controlled banks, which were centered around New York City chiefly, with some spread up around the Boston area. That's the history.

The Jackson Presidency inaugurated a reign of terror; Jackson himself, at that point, was simply a brutish creature, yelping and doing crazy things. But you had the crew that controlled the Jackson Administration, who were the greatest thieves and enemies of the United States at that time: which included the same person, [Aaron Burr], who was a British agent, who organized the Jackson Administration, created its initial funding, and so forth—a British agent, and a professional assassin, who assassinated our first Secretary of the Treasury, Alexander Hamilton. And that is what the history has been!

We have been struggling inside the United States, ever since the foolishness of Jefferson; and Thomas Jefferson, as a President was an *idiot*. He was an *idiot*, in

fact! And only later, with Monroe, did we have a really sane President, committed to real purposes; the greatest accomplishments in that period were created by *John Quincy Adams*. Adams, who was President for one term, was thrown out of office by the British interests, represented, typically, by the Jackson candidacy; but Jackson didn't run it. Jackson was a thug, a murderer, all these kinds of things, and a slug, but he was not the real author of throwing John Quincy Adams out of office.

As a result of that, you had total British banking control, *directly over the United States*, operating chiefly through British international banks, rooted in the New York City vicinity. Since that time, the United States has never had a decent existence. Because what happened is, what led into the Civil War, a situation which became impossible. And fortunately, in the first great battle, President Lincoln and his forces had actually defeated the Confederate forces. But, the resistance and dirty tricks by the Confederacy leadership continued to be bloody assets inside the Southern part of the United States, as such.

Lincoln was assassinated by the British, totally by the British monarchy: The facts are known. So therefore, what happened, was we had an off-and-on situation, under Lincoln, who was *assassinated*, just like Kennedy.

And, in the 1960s, the gates were opened, again, to a foreign-controlled assassination, based on Wall Street interests! Then Kennedy's brother, who was a candidate for the U.S. Presidency, was also assassinated! And the cover-up was done.

And then, the United States, with the Glass-Steagall law on the books, went through a crisis in 1971, which I was the first to have forecast, actually, publicly. No other leading figure in the financial community of the New York area, and so forth—they had all insisted, "This crash would never happen!" That the existing policy of the Treasury system would protect us against any future crashes. And three years later, that crash actually occurred. I had forecast it three years before!

So then, in the August period, the entire banking system of United States, went into a crash, the Great Crash of 1971. And I conducted a debate with an imported British agent, the greatest British liberal economist in the world at the time, [Abba Lerner], and I proved to him, publicly, in a debate in New York City,

that he was an idiot. And by the time I got through with him, everyone who had been at the meeting knew that I had proven he was an idiot. But that didn't give me much help—quite the contrary, because I was going against Wall Street. When I exposed the *fraud* involved in that crash, I became less—.

Fortunately, there were a number of people who came from the vintage of the Franklin Roosevelt Administration, who had been leaders in the Franklin Roosevelt government circles, in the military, security, and related things. And a division of that element, of the survivors of the end of the Roosevelt Administration, was still in the 1980 [Reagan] Administration, were still representatives of the core of the intelligence community of the administration of Franklin Roosevelt.

In 1978, I had been brought into collaboration with the people who were to form the Federal intelligence service under the new Presidency, in 1980-81. Under this condition, I had organized, including, initially, I had negotiated an agreement on the SDI, with the Soviet Union. And important sections of the leaders of the military and other forces of Germany, of France, of Italy, and other countries, had joined with me, in the agreement to push forward with the SDI.

Now, the SDI would have prevented all of this mischief which had been accumulated up to that point. Because striking an agreement, dealing with the desperately bankrupt Soviet Union, would have done what Franklin Roosevelt had intended to have done, in terms of his first negotiations with the Soviet Union. The death of President Franklin Roosevelt meant that with Truman, the United States went back to the old bullshit and evil, under the Truman Administration.

We had Presidents, in the 1980s and earlier, who were actually personally committed to the same *kind* of policies, which I was committed to promoting. But then, the real control of that administration lay not with the President, who was constantly undermined, systematically, by the Bush family representatives! It was Vice President Bush, under that administration, who brought about the corruption of the effect of that administration.

And then, you had [President] Bush, who was such a bum, that he served one term in office, and everybody wanted him out of office. At that point, Clinton came into office for two terms, but he had a bum as a Vice President, and that was one of the curses he put up with and dealt with. At the end of it, he was under this persecution for various charges, and therefore,

under this persecution, he consented to abandon Glass-Steagall. The blackmail of Clinton, in the last period of his Presidency, opened the gates of *Hell*, which the United States and its people have been suffering, ever since.

And therefore, if we understand that, we can now have a clear head on who is our enemy, and who are our true patriots, and who are potentially our partners between the trans-Atlantic region as one group, and Eurasian region as another group.

Zeus in the Form of Bertrand Russell

Small: Our final question for this evening, addresses this issue that you just raised, of who our enemy really is. In organizing both in the United States and internationally, one frequently comes across very strong resistance to Lyndon LaRouche's demonstration that the British Empire's policy is to actually intentionally depopulate the planet, to reduce the population from 7 billion down to 1 billion or so; and people also object, with no evidence at hand, to the idea that these same forces would actually threaten and could potentially use thermonuclear warfare as a means of implementing that policy, especially warfare against Asian-Pacific powers, Russia, China, and so on.

The response is frequently, "On, come on! Nobody is that crazy! No one is crazy enough to propose that!"

But, similarly, you, Lyn, have repeatedly insisted that people are not only missing the point on that, but also are wrong to think that the Olympian Zeus and Prometheus were merely mythological characters, and not real, actual political enemies of each other.

So, I would like to submit evidence tonight that, not only does Zeus exist, but in the 20th Century, he also went by the name Bertrand Russell—the British imperial genocidalist philosopher whom you, Lyn, have repeatedly called "the most evil man of the 20th Century."

After all, Bertrand Russell was explicit in promoting depopulation. Those who deny that this is the British policy, take note. Because in Russell's 1951 *Impact of Science on Society*, he said: "War, as I remarked a moment ago, has hitherto been disappointing in this respect [of achieving depopulation], but perhaps bacteriological war may prove effective. If a Black Death could spread throughout the world once in every generation, survivors could procreate freely without making the world too full. . . . The state of affairs might be somewhat unpleasant, but what of it?"



Bertrand Russell, one of the British Empire's great propagandists for Malthusian genocide, is a perfect example of Zeus's mentality. Among his proposals for achieving depopulation was "bacteriological warfare," like that in the 14th-Century's Black Death. Here, Michael Wolgemut's depiction of that period, in his "Dance of Death" (1493).

Also from Bertrand Russell, he famously called for launching preemptive nuclear war against the Soviet Union in a famous article in the 1946 *Bulletin of the Atomic Scientists*, but he repeated the same proposal in a 1947 address to the very properly named Royal Empire Society, where Russell, a self-styled pacifist said: "I think you could get so powerful an alliance that you could turn to Russia and say, 'It is open to you to join this alliance if you will agree to the terms. If you will not join us we shall go to war with you.' I am inclined to think that Russia would acquiesce; if not, provided this is done soon, the world might survive the resulting war and emerge with a single government such as the world needs."

And finally, Bertrand Russell was a leading proponent of the Aristotelean view that not only can man not know the future, but that the future in fact doesn't exist—the exact opposite of the Promethean outlook of willful human creativity. Russell argued in his 1912 *The Problems of Philosophy*—one should rather call it, *The Problems of Russell*—that you simply can not state with certainty that the Sun will rise tomorrow morning. All we can know, he says, is the sense-perception that it has repeatedly done so in the past, and so there is a probability that it will happen again. But the actual

causal role of universal principles, most emphatically human creativity itself, *does not exist for Zeus*—excuse me, for Bertrand Russell.

So the question is: How do we deal with such criminal insanity? How does Prometheus defeat Zeus?

'The Handbook of Chemistry in Physics'

LaRouche: Well, I can give you a scientific proof of the difference, and I do mean physical scientific proof, as understood by the definition of physical science; in applying the principle of physical science to history. And we can also go to the technology of the process of science, which results in the successful development of the human species. This policy, which is there, exists in known knowledge, which both discredits Zeus' policy, and proves that Zeus is an evil bastard! And *always* was!

The easy proof is any good science, even one with great imperfections of particular kinds, especially in the recent period since the beginning of the 1960s; that great *Handbook of Chemistry in Physics*, has had a lot of pollution injected into it, but the essential idea of the history of physical science, as typified by that *Handbook*, of which many editions have emerged over the course of time, always has the same essential point of proof in it. No matter how much anything else is inadequate in early periods, or corrupted in later periods, *this one thing* stands insistently, as not only proof of modern times, but *it contains the proof of all known existing human existence*.

Now, what is that proof of this little *Handbook*? How does this little—not so little *Handbook* any more!—how does this *Handbook of Chemistry in Physics* help us to understand what's wrong with Obama, and incidentally, with Zeus; or the other way around, Zeus, and then also Obama?

Zeus, like Obama, represents *pure evil*. He's not an author of pure evil; Hitler was also very busy at that business, so was the Roman Empire! So were most of the genocidal campaigns run by various national groups, or social groups in the known history of mankind. The Zeus versus Prometheus conflict is the oldest conflict actually known to mankind. It may not have originated with Zeus. It may have come before, with an antecedent of Zeus. But the Zeus/Prometheus division is the most fundamental, known factor of development *in all human history*.

Now, for example, this is the difference between a good guy and a bad guy, since that time. This is the oligarchical system, as it's known, in all competent literature. The history of mankind included everything that deals with that, the idea of *imperialism*, the idea of all these kinds of corruptions, comes from Zeus. The corruption of Christianity in many sects, comes from conceding to avoid attacks on the Zeus principle. And the fault of Christianity lies not in Christianity, but it lies in the factor of the consent to live under the reign of the kinds of government and social processes which are actually commitments to the idea of Zeus.

Now, how do we get at this, through the aid of chemistry as a shortcut to going quickly to the crucial point that makes that distinction? Because the history of chemistry is a history of the voluntary discovery and creation of notions of principle of production, principles of existence which are based on the principle of chemistry—which means that the *idea* of chemistry, not chemistry as such, the *idea* of chemistry, because chemistry is not an idea, chemistry is something you simply believe in, but that's not an idea. An idea is a compelling principle, which determines the *effect* on

mankind, of the choice of principle! These choices of principle, we call technology, or call them the products of technology, and the advancement where mankind's existence depends upon an improvement.

You know, the first mankind, the first, really known mankind, was probably located somewhere in southern Africa, the first man to use fire to cook his meal and survive, and improve his existence. No monkey, no gorilla, no other known species of creature, actually voluntarily changes his nature by technological progress, which is a *principled* form of technological progress.

Now what you get in the *Handbook of Chemistry in Physics* is an attempt by professionals in our culture to try to explain how the progress of mankind occurs, how it is developed. And we try to understand it as a principle. Many of our best scientists, or not bad scientists, do not really understand what they believe in—that is, the good ones who are not evil. The evil ones are the Greenies.

Any Greenie is intrinsically an evil person, when it comes to science. Because what happens is, the existence of the human species has always depended on increasing the energy-flux density per capita of human beings. Without that increase, which can only occur through the discovery of a *higher order of principle*, and therefore, it is *progress*, so defined in those terms, based on the application of a high principle. But this requires also not only the discovery of that principle, but the expression of its practice.

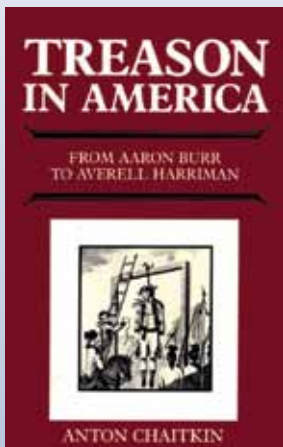
The entire improvement from a sort of an ape-man, to the state of humanity's progress to maintain the population this planet *has today*, even that amount of progress, which is actually not good at all, but the deterioration of the life of mankind, is based on the *Zeus principle against the Promethean!* And therefore, *that's the issue*. That is also the issue which *motivated* the formation of the United States: *Therefore, that is our Constitutional principle*, and if people want to have a different principle, they'd better go elsewhere!

That's how the United States, since the voyage of Columbus, that development and the consequences of that; and everything that followed that was *good* in this United States, was based on the rejection of Zeus! And support for the actual practices of Prometheus. And Christianity is for Prometheus. Other forms of so-called Christianity, have a lot of fake built into them, kissing the butt of the people who are oppressing them.

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China Takes Next Step Toward Lunar Industrial Development

by Marsha Freeman

Jan. 11—The successful Dec. 14 landing of China's Chang'e-3 spacecraft on the Moon, and deployment a few hours later of the Yutu ("Jade Rabbit" lunar rover, have laid the basis for its long-term goal of the industrial development of the Moon. Following on the success of the first two Chang'e-3 missions, which orbited the Moon, the current mission provides the on-the-ground intensive exploration that will lead to manned missions, in the future.

China's lunar exploration program, which has been under development for more than a decade, is aimed first at the scientific investigation of Earth's nearest neighbor, and an inventory of resources on the Moon. Eventually, missions will exploit the riches there, which are not gold or silver, but minerals which include a rare isotope of helium, that can power the thermonuclear fusion-energy-based economy of the future.

China is not "competing" with any other nation in its lunar exploration program, contrary to press commentary, but is following a multi-decade succession of increasingly complex missions. Each mission tests new capabilities aimed at meeting its long-term goals. The challenging Chang'e-3 mission was the first time that China landed a spacecraft on another celestial body. It was the first time that *any* nation carried out its first extraterrestrial landing which included the deployment of a rover.

The success of the Chang'e-3 mission has given China's space leadership the confidence to accelerate

its next phase in lunar exploration, with the announcement that returning a sample of rock and soil from the Moon to Earth will take place only three years from now.

What We Will learn

In designing the Chang'e-3 mission, China had no intention of simply repeating the lunar missions that were carried out by the U.S. and Soviet Union nearly 40 years ago. The Yutu rover will, for the first time, use an on-board radar instrument to probe the subsurface of the Moon. Exploring the inner structure of the lifeless Moon with precision, down to a depth of 90 feet, will shed light on the development not only of this body, but of the Solar System as a whole.

The Chang'e-3 lander houses an ultraviolet telescope, a Moon-based "cosmic observatory," which will, for the first time, do astronomical observations from the surface of the Moon. A second ultraviolet instrument will study the Earth's ionosphere.

The rover, with a robotic arm similar to that on NASA's Mars Curiosity rover, will deploy instruments to describe the chemical and mineralogical composition of rocks on the Moon. On Jan. 3, the Chinese Academy's Institute of High Energy Physics released to the world scientific community the first data obtained by the rover.

The Institute posted on its website an initial analysis of data from the rover's Active Particle-induced

X-ray Spectrometer (APXS), which can identify the chemical elements in the lunar soil. The data indicate the presence of eight of the expected major rock-forming elements, and at least three minor elements. While these first results were not unexpected, they demonstrated that the instrument is working as designed. The release of the data and analysis to the public is an important policy decision by China, because it engages the global scientific community with the mission.

APXS was first powered up on Dec. 23, and two days later, was deployed to a position slightly above the lunar surface by the robotic arm, to go into its detection mode. Chinese scientists are pleased with the instrument's performance, and the Institute says this is one of the best X-ray spectrometers deployed on a planetary mission.

Both the Chang'e-3 lander and the Yutu rover depend upon solar energy for their power, and so, hibernate during the two-week lunar night. Yutu will awaken around Jan. 14, to carry out its three-month scientific mission on the lunar surface.

Looking Ahead

Although there has been no formal government decision on developing manned lunar missions, Chinese scientists and engineers are working on designs for a lunar base, which will include "new energy development," according to Zhang Yuhua, a manager of Chang'e-3, speaking at the Shanghai Science Communication Forum, as reported Jan. 8 in *Peoples' Daily*.

Zhang described the activity of a lunar base as setting up agricultural and industrial production, producing medicines in the vacuum environment, and carrying out "energy reconnaissance." The most oft-cited lunar energy resource by Chinese scientists is the isotope helium-3, which is rare on the Earth, but has remained largely undisturbed on the inert lunar surface, having been deposited there by the Sun. This allows a more advanced form of fusion energy, enabling many applications in energy, industry, and chemistry, and will power man on the Moon, and the people of the Earth.

Fusion on the Moon has been part of China's program since its inception. Ten years ago, speaking before the 12th conference of the Chinese Academy of Sciences, the scientist known as the "father" of China's lunar missions, Ouyang Ziyuan, described his nation's three-step lunar robotic program, stating that it should

scout and map mineralogical elements, including helium-3.

More recently, Ouyang explained that "there are altogether 15 tons of helium-3 on Earth, while on the Moon, the total amount . . . can reach 1 to 5 million tons. Helium-3 is considered as a long-term, stable, safe, clean, and cheap material for human beings to get nuclear energy through controllable nuclear fusion experiments. . . . This means that the helium-3 reserves on the Moon can serve human society for at least 10,000 years." The goal, he has said, is to "bring enough fuel for all human beings across the world" from the Moon.

Chinese scientists are also conducting a series of experiments, growing a variety of basic crops under a simulated lunar environment. The Yuegong-1 laboratory, staffed by scientists from Beijing University of Aeronautics and Astronautics, hosts experiments in growing food that replicate lunar conditions.

The team, which is headed by Prof. Liu Hong, has done tests on more than ten plant varieties, controlling the food, water, oxygen, and soil chemistry of the environment. They are also investigating plants with a strong resistance to space radiation. The technologies developed through this and similar programs will also be important for China's next step in manned space flight—its space station.

Then, JFK—Now, China

If it is difficult for some to understand why China, a still-developing nation, is deploying precious resources to explore the Moon, the comments made by Chinese President Xi Jinping on Jan. 7, to the space scientists and engineers who participated in the research and development of the Chang'e-3 mission, should shed light. As reported by *Xinhua*, Xi said: "Dare to walk the unwalked paths. Constantly seek excellence through solving difficulties, and accelerate the shift to innovation-fueled development." Xi said that innovations in science and technology must be put in a "core position" in the country's overall development.

Innovation is "the soul of a people and the source for a country's prosperity," Xi said, going on to emphasize that the Chang'e-3 mission was "'China-made' in every sense of the phrase."

That was the outlook of the United States under President John F. Kennedy, an outlook now exemplified by the Chinese. This is the outlook that the U.S., and all the trans-Atlantic region, must return to today, if they are going to survive.

EU Membership Means Death For Countries of Eastern Europe

Jan. 10—After Ukraine broke off its negotiations on an Association Agreement with the European Union (EU) last November, Russian President Vladimir Putin told a Moscow press conference (Dec. 19) that if it had not done so, Ukraine would have “immediately become—just read the documents—an agricultural appendage” of the EU. Out of Ukraine’s \$17 billion worth of exports to Russia, he said, \$7 billion [41%] is currently in industrial goods, whereas the EU countries buy only \$2 billion in machinery and equipment [only 11.7% of a total that is likewise around \$17 billion in dollar terms], as against \$5 billion in agricultural products [and the remainder in raw materials and semi-manufactures]. Joining the EU would make that imbalance even worse.

When the Soviet Union collapsed and Ukraine became an independent country in 1991, it was one of the top ten machine-building countries in the world. But after 20 years of IMF-dictated free trade, Ukraine is no longer “on the charts”; by joining the EU, what remains of Ukraine’s industry would be relegated to the scrap heap.

Apparently, the foreign journalists in attendance have still not read the documents, as they continue to shriek about Russia’s “imperial” takeover of Ukraine.¹ Ukraine’s government not only read the documents, but also looked at what was happening to its neighbors.² And what Ukrainian officials saw was industrial shutdown, devastation of social services, and lower life ex-

pectancy—death—not only in the former socialist countries, but in longtime EU members such as Greece, Portugal, and Spain.

Economists from both Russia and Ukraine, notably two friends of the LaRouche movement, are broadcasting the facts and figures showing how not only Ukraine, but other former Soviet republics or the Soviet bloc in Eastern Europe, have been or will be destroyed by membership in the EU. They are also offering solutions for global reform and Eurasian economic integration which would help not only these countries, but others as well.

Russian Academician Sergei Glazyev³ made the bold proposal that countries such as Greece, Cyprus, and even non-EU member Turkey would be better off if they affiliated with the Eurasian Customs Union and the Eurasian Economic Union, which is currently in formation. The article, titled “Who Stands to Win? Political and Economic Factors in Regional Integration,” appeared in English Dec. 27 in *Russia in Global Affairs*, and in that publication’s Russian edition this month.



Academician Sergei Glazyev

Destruction of the Real Economy

In this article, Glazyev, who was formerly deputy secretary of the Eurasian Economic Community, and is now an advisor to Putin, outlined some of the most

1. For example, from the London [Financial Times](#) on Jan. 7: “The Eurasian project is a mirage of a post-Soviet archipelago in which authoritarian leaders use each other to preserve their power. It may last a little longer. But before long, the sun will set on Mr Putin’s imperial ambitions.”

2. The former Soviet Union/Comecon members that have joined the EU are Bulgaria, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Slovakia, and Romania; Georgia and Moldova have signed Association Agreements and are in the process of becoming members; Armenia, Azerbaijan, and Belarus are included in the EU’s Eastern Partnership.

3. [Glazyev](#) invited Lyndon LaRouche to address the Russian State Duma’s Economics Committee in Moscow in June 2001. The two also gave a joint press conference. EIR News Service published an English translation of Glazyev’s book *Genocide: Russia and the New World Order* in 1999.

shocking cases of destruction of the real economy, experienced by the Central and East European countries that joined the EU during the 2000s, as well as by Greece. Here are the highlights he listed:

“Greece. As a result of the reforms carried out on the EU’s demand, cotton production plunged by half, and production quotas in agriculture hit local wine-making hard. The famous Greek shipbuilding industry has practically ceased to exist: Greek shipowners have purchased 770 vessels abroad since the country joined the European Union.

“Hungary has practically liquidated the production of once popular Ikarus buses, whose output in the country reached 14,000 units a year in the best years.

“Poland shut down 90 percent of its coal-mining companies, employing more than 300,000 people, after joining the EU in 2004. Seventy-five percent of Polish coal miners have lost their jobs. Poland’s shipbuilding is in deep crisis. The large Gdansk shipyard, which built the largest number of vessels in the world in the 1960s and 1970s, is now divided into two companies that are idle. Dozens of smaller shipbuilding enterprises have had to be shut down and their personnel has left for Western Europe. Poland’s foreign debt was 99 billion dollars when it joined the EU; in early 2013 it reached 360 billion dollars.

“Latvia has completely lost its electronic and car-making industries.

“Lithuania’s livestock has been cut by 75 percent, as local residents have stopped keeping cows following the introduction of milk production quotas. On the EU’s demand, Lithuania has shut down the Ignalina nuclear power plant, thus making itself dependent on power imports (and in need of one billion euros for dismantling the Ignalina plant).

“Estonia’s livestock has been reduced five-fold [by 80 percent], with agriculture reoriented to producing biofuels. The machine-building plant and the Volta plant in Tallinn, which used to produce power-generation equipment, have been closed. On the EU’s demand,



Poland’s famous Gdansk shipyard in former times; it was the biggest shipbuilder in the world, but is now divided into two companies which are idle.

Estonia has slashed power generation by almost two-thirds, from 19 billion kilowatt-hours to seven billion kilowatt-hours.

“EU membership has hit fisheries in the **Baltic States** due to EU fishing quotas and so-called ‘norms of solidarity’ in using European water resources. In 2007, the European Commission fined Lithuania, Latvia, and Estonia for attempts to build stocks of food in order to curb prices.”

Glazyev also took up the case of **Ukraine** in an article in [The National Interest](#) on Dec. 30, 2013, titled “The Mania of Ukraine’s Euromaidan.” He demonstrated that the Association Agreement would put Ukraine under EU jurisdiction as a colony, pledged to the directives of the European Commission over which Ukraine’s government would have no say. Ukrainian goods would be pushed out of Ukraine’s own market for a \$2 billion annual loss on that account alone. Foreign debt would grow, inflation would soar, and ultimately, the standard of living would fall. “Ukrainian entrance into the [Eurasian] Customs Union and Common Economic Space,” he said, “is projected to increase GDP anywhere between 3 and 9 percent; under the Association Agreement it is projected that GDP would fall about 2-3 percent.”

He emphasized the geopolitical purpose of the EU agreement: “It is easy to see that the true meaning of the agreement is to tear Ukraine from Russia and isolate it from the process of Eurasian economic integration. . . .



www.kznpp.org

Bulgaria had to close its Kozloduy nuclear plant when it joined the EU. It was supposed to be replaced, but that project was cancelled in 2012.

We must admit that the [EU] Eastern Partnership project is in its nature anti-Russian and exceptionally detrimental to the establishment of good neighborly relations and stability in Europe.”

The Case of Bulgaria

The list of EU casualties was lengthened in a web-TV report by the Russian daily *Komsomolskaya Pravda* on Dec. 28, by Darya Aslamova, on what has happened to the economy of Bulgaria, which joined the EU in 2007. Titled “Bulgaria Is Quietly Dying,” the program focussed on the events of Spring 2013, coinciding with the Cyprus bank bail-in.

At that time, mass demonstrations over high energy prices forced the government out. (One year ago, the average monthly electricity bill reached a level higher than a monthly pension.) Six people killed themselves in the streets by self-immolation.

But, nothing has improved in the economy since last Spring. The high electricity prices remain, as they are governed by long-term contracts with the foreign companies that own the Bulgarian electricity grid. Unemployment is stated as 13-18%, with 60% in the north of the country. Bulgaria’s famous wine and other agricultural production has been smashed, making the population now dependent on large, foreign-owned retail markets with inflated prices for imported food.

Over the past 20 years, more than 2 million people,

out of a population of 8.9 million, left Bulgaria in search of work and better living conditions.

The TV report related the essentials of how Bulgaria came to this point, starting from a Soviet-period industry that had 86% of its market in the USSR. Its governments, in the 1990s, followed radical privatization, advised by free-market economists of the Cato Institute in particular. Upon joining the EU, Bulgaria was required to shut down its nuclear power plant, the Kozloduy NPP, which had provided cheap electricity at home and for export to five countries, including Italy. The supposed replacement project, the Belene NPP, was stalled over pressure to replace its Rus-

sian contractor with Western companies, and then cancelled in 2012. Meanwhile, the foreign power operators have pushed widespread construction of solar-panel parks and wind farms, generating electricity at higher cost.

The Case of Ukraine

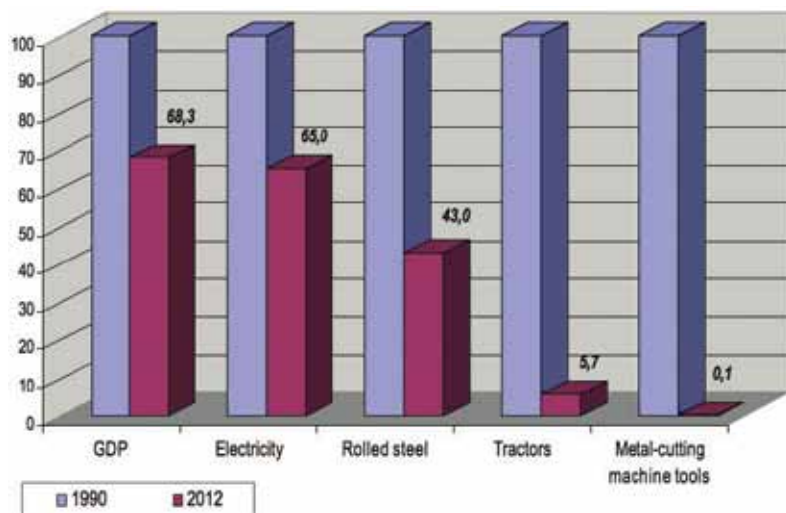
From Ukraine, Dr. Natalia Vitrenko, an economist, former Member of Parliament, and leader of the Progressive Socialist Party and the National Resistance Front Against the Eurocolonization of Ukraine, has delivered a series of webcasts since November 2013, upholding Ukraine’s national sovereignty and warning of the danger of a “neofascist coup” backed by the Obama Administration and the EU bureaucracy in Brussels.

A longtime friend of the LaRouche movement, she addressed a conference of the Schiller Institute in Germany last April (see [EIR](#), May 3, 2013), on the need for Eurasian integration. There she gave a blow-by-blow account of how Ukraine’s economy has been ruined by 20 years of globalization (**Figure 1**). Electricity production dropped by 35% from 1990 (before the breakup of the USSR) to 2012; production of rolled steel fell by more than half, and tractor production collapsed to only 5% of its former level. In 1990, Ukraine’s per-capita GDP was higher than the world average, whereas, in 2012, it was 40% *below* the world average, lower than

FIGURE 1

Ukraine: Decline of GDP and Real Economy Output

(2012 as % of 1990—independence was in 1991)



Namibia. Fully 80% of the population lives below the poverty line, she said.

All occurred before the EU free-trade regime was submitted to Ukraine for its approval.

In her Dec. 19 webcast, “Russia Has Saved Ukraine—for the Moment!”, Vitrenko documented Ukraine’s current situation. She contrasted the IMF’s proffered terms for a new loan to Ukraine, 10% interest and devastating deregulation of domestic energy prices, with those of the Russian loan announced Dec. 17, after the Russian-Ukrainian Intergovernmental Commission meeting in Moscow: \$15 billion at 5% interest with no strings attached. Noting that the sum is equal to one-third of Ukraine’s federal budget, Vitrenko said that the budget for 2014 could not have been passed without the Russian loan. Payments to pensioners and many state-sector workers and entities were threatened.

Even more important than the emergency loan, Vitrenko explained, are the several Russian-Ukrainian cooperation agreements that were signed, covering machine-building sectors such as the aerospace industry, ship-building, and aircraft production. Projects such as the joint production of about 80 of the giant An-124 Ruslan transport planes, she said, will involve a production and supply chain embracing several sectors of Ukrainian industry and saving tens, if not

hundreds of thousands of manufacturing jobs.

Solutions for the Future

Both economists are looking to Eurasian development as the best option for the future.

Glazyev, in his *Russia in Global Affairs* article, emphasized the political motivations of the EU’s courtship of Central and Eastern Europe. “The anti-Russian essence of this policy,” he said, “is clearly seen in consistent efforts by politicians and secret services of NATO member-states to interfere in the internal affairs of the newly independent states, ferment anti-Russian propaganda, and foster anti-Russian political forces. All ‘color’ revolutions inspired by the West in the post-Soviet space were

rooted in frenzied Russophobia and aimed at preventing integration with Russia.”

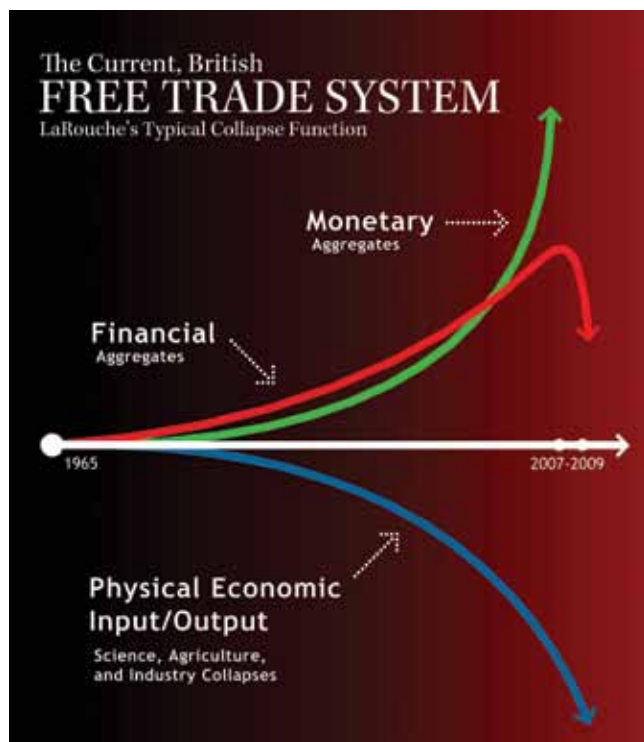
One response, according to Glazyev, “could be to invite countries discriminated against by EU supranational bodies, into Eurasian integration.” Greece and Cyprus would be the priorities, with Cyprus serving “as a pilot project for transition from European to Eurasian integration, especially as its economic reliance on Russia and the Commonwealth of Independent States has become critical after the bankruptcy of its banking



EIRNS/Christopher Lewis

Dr. Natalia Vitrenko addresses a seminar in Germany in 2009, with Lyndon and Helga LaRouche. Her 1999 campaign poster is behind her.

FIGURE 2
LaRouche's 'Triple Curve'



system.” Both countries, he pointed out, have close cultural and business ties with Russia. He noted that Kazakhstan’s President Nursultan Nazarbayev has mentioned Turkey as “a welcome participant in Eurasian integration.”

Although such affiliations might seem unrealistic because of the countries’ commitments to the EU, Glazyev suggested “a constructive way out of the growing contradictions between the alternative integration processes in Eurasia would be to de-politicize them into mutually beneficial economic cooperation. But Euro-Atlantic officials do not seem prepared to give up their claims to hegemony in international relations, so this option looks unrealistic at present.”

As for Vitrenko, she said in her Dec. 13 webcast, “I would not want to idealize the policies of the Azarov government and President Yanukovych,” noting that the regressive VAT tax remains in place, no luxury taxes have been imposed that might annoy Ukraine’s influential wealthy business layers, while pensions and the minimum wage are still based on a “subsistence minimum” defined as only 1,176 hryvnias (\$143.00) per month. The Russian loan, she said, “saved Ukraine, but it is not the solution. *What’s*

needed is a change of the whole economic model.”

To illustrate this idea, during the interview, Vitrenko’s colleague Vladimir Marchenko unfurled her 1999 Presidential campaign⁴ poster. The poster shows Vitrenko, pointing at a giant reproduction of Lyndon LaRouche’s “Triple Curve” graphic (Figure 2), accompanied by quotations from her speeches on the necessity for Ukraine to break with the IMF and lead other nations in that direction. She said that the poster reflects “the work of a whole international movement of people against the IMF, headed by Lyndon LaRouche, who is still doing this at his age of 91.” Added Marchenko, “And he is a citizen of the USA, it should be pointed out!” Vitrenko proceeded to give a ten-minute briefing on the significance of the Triple Curve, and of changing financial policies in order to promote the real sector of the economy, rather than destroying it.

4. That year, Vitrenko was running at 32% in the polls and analysts believed she stood a good chance of defeating Leonid Kuchma in a runoff; but her campaign was destroyed in the wake of a grenade attack that injured the candidate and 40 others.

GENOCIDE RUSSIA AND THE NEW WORLD ORDER

Russia in the 1990s: “The rate of annual population loss has been more than double the rate of loss during the period of Stalinist repression and mass famine in the first half of the 1930s . . . There has been nothing like this in the thousand-year history of Russia.”

—Sergei Glazyev

Paperback, with a preface by Lyndon H. LaRouche, Jr.



Economist Dr. Sergei Glazyev was Minister of Foreign Economic Relations in Boris Yeltsin’s first cabinet, and was the only member of the government to resign in protest of the abolition of Parliament in 1993.

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GLOBAL WAR DANGER PERSISTS

Anglo-Saudi Apparatus Out To Sabotage Iran Talks

by Jeffrey Steinberg

Jan. 13—Following two suicide bombings in the Russian city of Volgograd Dec. 29-30, terrorists hit again last week, carrying out “blind terror” assassinations in the Black Sea city of Stavropol, making clear that Russia is a prime target for jihadist provocations as the country prepares to host the Sochi Winter Olympics, which begin Feb. 9. The targeting of Russia and the attempts to demonize President Vladimir Putin are but the latest provocations coming from the Anglo-Saudi imperial nexus that is drawing the world ever closer to a new global conflict that could lead to thermonuclear extinction.

The source of the attacks against Russia is the same circles which were behind the Sept. 11, 2001 attacks on the United States, and the Benghazi attacks 11 years later, in which U.S. Ambassador Chris Stevens and three other Americans were killed. The Anglo-Saudi apparatus behind the two 9/11 actions, and the current targeting of Russia, is now engaged in a desperate attempt to sabotage the ongoing P5+1 negotiations with Iran. If those Iran negotiations collapse, the net effect will be to restart the clock for military showdown with the Islamic Republic.

In Asia, the uncertain situation on the Korean peninsula represents yet another potential flashpoint for global war. All of these situations have taken a turn for the worse in the past week.

With respect to the Iran negotiations over the country's nuclear program, hard-line factions in both the U.S.

and Iran are moving simultaneously to erect roadblocks in the way of the talks. Last week, 58 U.S. Senators, from both political parties, had signed onto a new Iran sanctions bill (S. 1881), that would kick in at the first sign of Iranian non-compliance with the interim agreement signed with the P5+1 in November. The Menendez-Schumer bill has been put on a fast track by Senate Majority Leader Harry Reid, under the rules of the Senate.

According to one senior U.S. intelligence official, bipartisan support for the bill is driven by a broad perception that President Barack Obama is weak and vulnerable. The argument is that if Obama, who has said he would veto the bill, proves to be incapable of defeating the Senate move for deal-busting sanctions, he will be unable to impose a tough verification system on the Iranians.

Inside Iran as well, hard-line factions associated with the Iranian Revolutionary Guard Corps and the Principalist faction of clerics, have moved to wreck the talks by attempting to create a Majlis (parliament) oversight body with veto power over the negotiations being conducted by Iranian Foreign Minister Mohammad Javad Zarif. So far, Supreme Leader Ali Khamenei has straddled the fence, neither endorsing the hard-line move, nor giving his public backing to President Hassan Rouhani and Foreign Minister Zarif. Last week, a group of 100 Majlis members introduced a bill mandating 60% nuclear enrichment program, in the event of any new Western sanctions.

Geneva Agreement Moves Forward

Despite these attempted wrecking operations, P5+1 negotiators managed to finalize the implementation agreement last week in Geneva. It is expected that International Atomic Energy Agency (IAEA) inspectors will be on the ground before the end of January to enforce the interim deal. The reality is that a breakthrough deal with Iran would fundamentally transform the Near East regional security landscape, opening the possibility of a successful Geneva II agreement to end the bloodbath in Syria. To prevent that from happening, Saudi Arabia has insisted that Iran be excluded from participating in the Geneva II talks.

In a recent visit to Riyadh, French President François Hollande aligned with the Saudi monarchy against Iranian participation, in return for a \$4 billion Lebanon-France-Saudi arms deal that involved French promises to take an ultra-hard line inside the P5+1 negotiations. The French arms sale to the Lebanese Army, bankrolled by the Saudis, is aimed at creating the conditions for a direct confrontation inside Lebanon with Hezbollah. The Saudis have been furious that Hezbollah fighters have abetted the Syrian Army in the drive to defeat the hard-core jihadist factions of the Syrian opposition, a jihadist force wholly bankrolled by Persian Gulf states under Saudi leadership.

The only prospect for success at the Geneva II session scheduled for Jan. 22, is for the U.S., Russia, and China to come together to essentially dictate a ceasefire and transition. In one promising development, the removal of Syrian chemical weapons stockpiles has continued, with Russian and Chinese warships accompanying the American ship that is taking control of the chemical weapons and their destruction at sea. Such U.S.-Russia-China co-operation, is being actively promoted by a group of Obama Administration “realists,” including Secretary of State John Kerry, Secretary of Defense Chuck Hagel, and Joint Chiefs Chairman Gen. Martin Dempsey, but has also been harshly criticized by key players in the Obama White House, including National Security Advisor Susan Rice and her top staffers. The White House “humanitarian interventionists” are de facto allied with neoconservative and American Israel Public Affairs Committee (AIPAC) factions in Congress, and are now waging an all-out factional battle inside the Administration to wreck the war-avoidance efforts.

A Radical Malthusian Agenda

While a growing chorus of writers have been drawing the parallel between 1914—the start of World War

I—and 2014, and warning of the danger of stumbling into global war, the reality of the situation is quite different, despite the reality of the war danger. The Anglo-Dutch oligarchy, with its Wall Street and Saudi appendages, is desperate to maintain power in the face of an imminent new financial blowout of their system and the continuing genuine economic progress in the Asia-Pacific region, as the trans-Atlantic collapses further.

The real war danger comes from the top, from the Anglo-Dutch imperial oligarchy, which is committed to the destruction and subjugation of Asia, including Russia and China. Given that this Anglo-Dutch faction is committed to a radical Malthusian agenda of mass population reduction, the temptation to start world war, despite the likelihood of such a war turning into a thermonuclear holocaust, is enormous.

It is for this reason that Lyndon LaRouche has been warning of the war danger and demanding the removal of the Anglo-Dutch pawn President Obama from office. LaRouche is not alone in his assessment of the prospect of imminent global war. Former Secretary of Defense Robert Gates’ new book, *Duty*, warning about the recurring danger of Presidents who are too quick to resort to military force, comes at a perfect moment.

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9/11 Two



British/Saudi Terror Fuels Bloody Sectarian War in Iraq and Syria

by Hussein Askary

Jan. 10—An new and ironic situation is emerging in Southwest Asia, centered around Iraq's military operation in the western Anbar Province to eliminate the al-Qaeda-type jihadist group, the Islamic State in Iraq and Syria/Levant (ISIS). This coincided with a similar operation in Syria against the ISIS by both the leading Syrian rebel groups and the Syrian Army, each on its own front.

The Iraqi situation looks the most interesting, since the both the United States and Russia are providing either direct assistance or arms. This is reflective of the new dynamic that was set in motion following the chemical weapons attack in al-Ghouta, east of Damascus, on Aug. 21, 2013, which was followed by the failure of both British Prime Minister David Cameron and U.S. President Barack Obama to secure parliamentary/congressional approval and public support for a military intervention to overthrow President Bashar al-Assad, and hand over power in a fragmented country to what now has become clear are Saudi-backed terrorists and not revolutionary forces. Although no real investigation has been conducted about the culprits behind the attack in al-Ghouta, all signs point to the fact that this was a provocation staged by forces linked to Saudi Intelligence Director "Prince of Terror" Bandar bin Sultan, to create a global outcry that would have facilitated Obama's and Cameron's long-awaited war.

Cooler heads in U.S. military and foreign policy institutions intervened, after realizing that Obama was leading the world into a nuclear chicken game with Russia, and secured a negotiation process to bring the conflict in Syria to an end through political dialogue, starting with the meetings between U.S. Secretary of State John Kerry, and Russian President Vladimir Putin and Foreign Minister Sergei Lavrov starting on Sept. 12. The Russians and Americans agreed in principle to force all the parties to the negotiating table. The Russians secured the al-Assad government's agreement to

hand over its entire arsenal of chemical weapons for destruction. As this report is being written, the U.S., Denmark, and Norway are transporting the Syrian stockpile of chemical agents abroad where they will be destroyed, under the protection of Russian and Chinese warships, from Syria's Mediterranean ports. Such a situation was inconceivable a few months ago.

In the meantime, a breakthrough was achieved by the United States, Russia, and China, when they secured an agreement between Iran and the UN's P5+1 group on Iran's nuclear program. The Geneva interim agreement signed on Nov. 24, 2013, paved the way for lifting the brutal economic sanctions imposed for years on Iran, temporarily (at least) put an end to U.S. (and Israeli) threats to launch military strikes on Iran's nuclear facilities, and opened the door for constructive regional security cooperation between the major powers and Iran on such sensitive situations as Syria, Iraq, and Afghanistan. The Russians have argued that Iran, being a key player in Iraq, Syria, and Lebanon, should be invited to the Geneva II conference on Syria, which is scheduled to start on Jan. 22. The Saudis and the French in particular, after France received an offer from the Saudis to buy French weapons (on behalf of Lebanon) for \$3 billion, have been emphatic on excluding Iran.

Behind al-Maliki's Call for 'World War III Against Terrorism'

In 2013, more than 9,000 Iraqis were killed in terror attacks, a horrific figure not seen since 2008, when terror attacks intended to inflame sectarian tensions were launched in Iraq. It was foreign fighters of the al-Qaeda brand who pulled the triggers, not Iraqi Shias or Sunnis. However, the net result of the continued targeting of Shia and Sunni mosques and religious activities divided the country along sectarian lines.

This new phenomenon in Iraq was fed by the U.S.-Saudi agreement in November 2006, following a visit



State Department

U.S. Secretary of State John Kerry (left) and Russian Foreign Minister Sergei Lavrov met in Geneva on Sept. 12, in a coordinated effort to end the bloody conflict in Syria.

by U.S. Vice President Dick Cheney to Saudi Arabia, to establish a “Sunni Alliance” led by Saudi Arabia and consisting of the Persian Gulf countries (United Arab Emirates, Qatar, Bahrain, and Kuwait), Jordan, and Egypt (in addition to the Sunnis in Lebanon and Iraq) to counter what became popularized as the “Shia Crescent” of Iran, Syria, and Hezbollah in Lebanon. Iran and Syria had long been on the “regime-change list” of the Bush Administration and the British government, following the invasion of Iraq in 2003.

Having failed to crush the armed resistance in western Iraq, especially in the predominantly Sunni Anbar Province, where the now legendary resistance city of Fallujah is located, the U.S. Administration in 2007 resorted to the strategy called the “surge.” Part of that strategy, which the U.S. commander of the Multinational Force in Iraq, Gen. David Petraeus, implemented, was to give the Sunni tribes in Anbar Province and other areas greater autonomy regarding security and policing functions in their areas, on condition that they stop attacking U.S. forces or providing safe havens for al-Qaeda terrorists who were attacking U.S. forces. The

tribes that came under the “surge” umbrella were armed and financed, becoming a major force in their regions rivaling the Shia-dominated central government in Baghdad. This further strengthened the sectarian divide.

After the Cheney-Saudi agreement in 2006, Saudi money and Wahhabi extremist preachers had started pouring into western Iraq, refocusing the attention of the previously anti-Western patriotic Sunni resistance groups on the new danger, “Iran and its puppet” Shia government in Baghdad, which were described as greater dangers to Sunni Arabs than the United States, or even Israel. With the gradual withdrawal of the U.S. forces from Iraq in 2009-11, this “new target” became more and more visible. With the advance of the NATO regime-change crusade from Libya to Syria in 2011, western Iraq became an important supply route for weapons, money, and terrorists from Saudi Arabia and the Gulf (in addition to the “ratline” from Libya to Syria via Turkey). Western Iraq and Syria became one operational theater for the Saudi-backed terrorist groups.

When the Iraqi central government, backed by Iran (which was also backing the Syrian government), attempted to intervene in western Iraq to prevent it from becoming part of the war on Syria, an outcry was heard from the Saudi and Qatari media, that the Shia government of Prime Minister Nouri al-Maliki in Baghdad has waged war on the Sunni people of Iraq. The trigger for the massive terror wave in Iraq was pulled when Iraqi government forces attempted to stop a protest in the Sunni city of al-Hawija in April 2013. Tens of protesters (many of them armed) and Iraqi soldiers were killed. In extreme Sunni circles and media all around the Muslim world, this was portrayed as a massacre of Sunni civilians which called for a response from all Sunnis against the Shia/Iranian enemy. Terrorists poured back into Iraq from Syria, where they were being supported by the Western “Friends of Syria” as freedom fighters, and other countries, to perpetrate new carnage in the streets and markets of Iraq.

The Iraqi government appealed to the United States and other Western powers to help it against the al-Qaeda terrorists in western Iraq, but to no avail. Obviously, those terrorists were seen by the West as still useful in Syria, and therefore not to be antagonized.

The Iraqi government had planned since early 2013,

FIGURE 1



to launch a major military operation in western Iraq, to seal the border with Syria to prevent the movement of terrorists between the two countries, and gradually clean out the vast desert where the ISIS and other al-Qaeda-connected groups were building their camps and logistical bases. However, without support from the United States and neighboring countries, the Iraqi Army would not be able to carry out such a large operation, especially as the Sunni tribes in Anbar Province's major cities, Fallujah and Ramadi, were passive at best, and the worst elements of those tribes were providing safe havens for the terrorists.

Iraqi National Security Advisor Faleh al-Fayadh

headed a large Iraqi security and foreign policy delegation to Washington in February 2013, to solicit support for this operation. The Obama Administration's alliance with al-Qaeda and its Anglo-Saudi backers, in hopes of ousting the Assad regime in Syria, prevented that cooperation. Typical of the attitude in Washington at the time was an assessment by British analyst Michael Knights of the Washington Institute for Near East Policy (WINEP), in which he warned Washington not to listen to the Iraqi officials. "Washington should also push back on Baghdad's emerging narrative that Sunni protests in Iraq are simply 'spillover from Syria,' as National Security Advisor Faleh al-Fayadh intimated on February 25," Knights wrote. "His statement that 'the divisiveness in Syria might affect the unity of Iraq' conceals the fact that Baghdad's own failure to support sectarian reconciliation since 2009 has been a key driver of Sunni unrest and should be corrected."¹

Following the new Russian-U.S. approach to the Syrian crisis, creating a new dynamic in the region, the Iraqi government made new attempts to pursue this issue. Prime Minister al-Maliki visited the U.S. in late October 2013. In a speech at the U.S. Institute of Peace in Washington, he urged more support from the U.S. to counter al-Qaeda. "We will defeat the terrorists by our local efforts and our partnership with the United States. We were partners and we shed blood together while fighting terrorists," said al-Maliki.

1. Michael Knights, "Syrian and Iraqi Conflicts Show Signs of Merging," [WINEP](#), March 7, 2013,

“We want an international war against terrorism. . . . If we have had two World Wars, we want a third world war against those who are killing people, killing populations, who are calling for bloodshed, for ignorance and do not want logic to govern our daily lives,” he added.

The Obama Administration gave a very cold reception to al-Maliki and his requests for U.S. military aid, especially Apache helicopter gunships and Predator drones.

Three Bombings in Volgograd

Al-Maliki’s call for a war on terrorism has found a response in Moscow following the two suicide bombings in the Russian city of Volgograd on Dec. 29 and 30, 2013, which claimed the lives of 34 people and wounded hundreds more. The attacks were carried out by jihadist groups from the Caucasus that are directly tied to the Saudi-sponsored global terror networks, and are active in Syria now. The reaction of the Russian leadership pointed in the same direction as al-Maliki’s view: that terrorism is a global problem that can only be dealt with globally.

In late December, the Iraqi Army launched its long-planned operation in Anbar Province, starting in the desert areas adjacent to the Syrian border. This time, however, it seemed that the United States and Russia were joining hands with Iraq against what has now become a common enemy, by providing the Iraqi government with weapons and “information” to back the massive operation to uproot the ISIS. The Iraqi Army deployed almost all its available forces to that area.

The Iraqi Army has now received Hellfire missiles and even Scan Eagles reconnaissance drones from the United States, in addition to night-fighting equipment. This is admitted officially by both the Iraqi Army and the U.S. State Department as being part of the “Strategic Framework Agreement” between the two countries, which makes it mandatory for both parties to help each other. What is denied is that there is U.S. involvement in direct surveillance and air cover operations, although the United States has been flying drones over Iraq for years.

Russia put the delivery of advanced MI-35 gunship helicopters on fast-track delivery to Iraq in late November, and is reportedly participating in the operations against the ISIS terrorists. The Iraqi government has denied, however, that Russian pilots or military person-

nel are participating in the Anbar operation.

According to Iraqi sources, Saudi Arabia and Turkey had refused to authorize U.S. airplanes or drones to launch attacks on “Sunnis” in western Iraq from their territories. Saudi Arabia and Turkey have been deeply involved in support of the al-Qaeda networks inside Syria. The supply lines for the Syrian rebels from Saudi Arabia pass through the triangle between northern Saudi Arabia, eastern Jordan, and western Iraq. The al-Qaeda terrorists’ aim was to establish Islamic states on both sides of the border between Iraq and Syria. Thus the Western and Saudi aid to the Syrian rebels became part of the sectarian war in Iraq.

From its side of the border, the Syrian Army has launched another offensive to regain the strategic city of Deir Ez-Zour on the Euphrates River. The city and its surroundings have been controlled alternately by ISIS and other Saudi-backed terrorist and rebel groups such as the “Islamic Front” and Jabhat al-Nusra. The Syrian Army has reportedly driven out these groups from the majority of towns around Deir Ez-Zour, after major advances against these armed groups in Homs and Aleppo. A Chechnian ISIS leader, Omar al-Shishani,² has reportedly moved with his forces from Aleppo to Deir Ez-Zour to support the other groups.

On to the Cities

The Iraqi Army’s operation in Anbar is backed by the majority of the Iraqi people. However, a moment of uncertainty and fear emerged in the last days of 2013, which was portrayed in the international media as the beginning of Shia-Sunni civil war all over Iraq. On Dec. 26, an Iraqi anti-terror unit clashed with the family of a well-known Sunni parliamentarian from Anbar, Ahmad al-Alwani. Al-Alwani’s brother, who was the real target of the raid according to Iraqi police, was killed in the action, together with several others from al-Alwani tribe. Al-Alwani was the main leader of the “Sunni” protest camp in Ramadi, Anbar Province, and clearly a provocateur against the government of Prime Minister al-Maliki. He used anti-Iran and anti-Shia rhetoric in his speeches at the protest square.

2. Al-Shishani’s real name is Tarkhan Batirashvili, an ethnic Chechen from Pankisi Valley in Georgia. He was promoted to sergeant in a special Georgian military intelligence unit that participated in the Russia-Georgia War in 2008. Batirashvili helped Chechen mujahideen cross the border into Russia from the NATO-friendly Georgia for several years before he moved to Syria.



IAEA

Iraqi Prime Minister Nouri al-Maliki's move against al-Qaeda operations in Anbar Province was not an election campaign stunt, but a well-calculated move coordinated with regional and international powers. Here he is shown (right) receiving IAEA Director General Yukiya Amano in Baghdad, November 2012.

The Iraqi government had claimed that the protest camp has become a recruitment and logistical base for al-Qaeda suicide operations, because the Iraqi Army and security forces are prevented from coming close to it by the Sunni tribes in the area. Several tribes are supportive of the protest camp and even of al-Qaeda. However, the majority of the Sunni tribes oppose the sectarian nature of these protests, but have had to accept them for fear of retaliation by al-Qaeda, which has assassinated many tribal leaders who have cooperated with the central government.

The Iraqi Army then moved into Ramadi and removed the protest camp. New protests were launched. However, what was not known to the media is that the al-Maliki government had struck a deal with the leading tribes in Anbar Province, to work together to clean out ISIS and al-Qaeda from the major cities, in return for the same autonomy privileges they had enjoyed after Petraeus's "surge" operation. It was also clear that the Saudi-created "Sunni Alliance" was in shambles after the U.S.-Russian agreement to resolve the Syrian crisis without war, and was unable to oppose this massive military move, especially as it involves the world's two largest military powers.

At the time of writing, the Sunni tribes in Ramadi have regained control of the city from the al-Qaeda mi-

litamen, and were moving to retake Fallujah. The Iraqi Army remains outside the cities to prevent provocations, and is focusing on hunting the al-Qaeda terrorists as they leave the city.

Now in hindsight, it is clear that al-Maliki was not making a gamble or an election campaign stunt, but a well-calculated move coordinated with regional and international powers.

The Sunni tribes of western Iraq are true patriots. They were simply pushed into the sectarian corner after the Blair-Bush demolition of the Iraqi modern nation-state, of which they were a key element, in 2003. The only thing they have been offered is survival, if they join one geopolitical game or the other. Now that the Anglo-Saudi drive for religious war has

been exposed, they can once again become part of Iraq, working with the Shia, Christians, Kurds, and Turkmen, and other religious groups to rebuild their nation.

The Saudi Option in Syria

The Saudi reaction to the emerging U.S.-Russian coordination, at least on Syria, which became more emphatic after the operation in Iraq, is being felt in Volgograd in Russia, in Lebanon, as well as in Xinjiang in western China, where Islamist factions are being activated again, to carry out bombings, assassinations, and destabilization. In Syria itself, the Saudis promised in September that they would go their own way, creating a new army in Syria by collecting the remnants of the Free Syrian Army (FSA), foreign jihadist terror groups, and extremist Syrian Sunni militants.

The Saudis have many different "clients" in the conflict, and they have the capability to undermine some or support some or even eliminate others. Already in September, the usually united anti-Assad multitude of armed groups started quarreling over control of specific towns, resources, and arms depots, especially in the border areas with Turkey from which arms and money were shipped into Syria. In November, the ISIS clashed with a group of the Free Syrian

Army north of Idlib, near the border with Turkey. The commander of the FSA was kidnapped and reportedly beheaded later. This triggered clashes between the ISIS and many other factions, especially around Aleppo, where the Syrian Army is carrying out a massive attack to retake the city from the armed opposition groups. Other pro-al-Qaeda groups have also come under the joint fire of opposition factions and the Syrian Army. There is, of course, no coordination between the two.

The Saudis, in anticipation of the Geneva II talks, or the sabotage of thereof, are rearranging the forces inside Syria by creating a new, sanitized Sunni “Islamic Army” or “Islamic Front,” “devoid of al-Qaeda,” to become the chief rival of Assad’s government and army. This new force is now called “the moderate opposition,” in the United States and Europe, which will now presumably resume sending “non-lethal” aid to this “moderate opposition.” The Saudis and their supporters in the West hope that this new force will take over as much as possible of northeastern, eastern, and southern Syria before the Geneva II negotiations start.

The *New York Times* on Dec. 9, in an article titled “U.S. Considers Resuming Nonlethal Aid to Syrian Opposition,” the U.S. administration “has signaled a willingness to talk to the Islamic Front,” but the Front declined to attend a meeting with low-level State Department officials, because they wanted to talk to U.S. Ambassador to Syria Robert S. Ford, who has been coordinating the U.S. contact with the Syrian opposition in exile and on the ground inside Syria from Istanbul. Ford has recently been rumored to have met with the leadership of the Islamic Front.

Many of the foreign fighters making up the bulk of the ISIS and Jabhat al-Nusra, mostly Chechens, Afghans, Pakistanis, Saudis, North Africans, and many European youth, are being told to either abandon their extreme “takfiri-jihadist” beliefs and join under the Islamic Front banner, or leave the country. The reality is that those who would not join this new army would probably be redeployed to other theaters after receiving training in irregular warfare and dehumanization operations. Such theaters are the Caucasus, Western China, and even Western Europe.

The new Syrian “Army of Islam” or “Islamic Front” is intended to become a “Sunni” army inside Syria, to eradicate the previously established idea that the Syrian Army is of and for all Syrians—Sunni, Shia, Alawites,

Druz, and Christians. This new army’s connection to Saudi Arabia and other Gulf states is clear. Its leader, Zahran Alloush, admitted in an interview with the London-based Saudi daily *al-Hayat* on Nov. 21, that he had been in Saudi Arabia recently, and that his group receives funds from “private donors” in Kuwait. His position on the Geneva II talks is vague, and will depend on which direction the events on the ground in Iraq and Syria take.

It is obvious that the war on Syria has failed to achieve its goal of regime-change. If Iraq recovers from the past few years of sectarian carnage fueled by outside forces, and if the U.S. and Russia continue their cooperation in this region to eliminate the disease of Anglo-Saudi “jihadism” and nihilist terrorism, the first steps away from the brink of Hell will be taken. However, since this is a global force, which will spread its tentacles elsewhere in the world, as it did in 9/11 in the United States, in Russia, Paris, Madrid, and the London subways, it has to be dealt with as such. Exposing and eliminating the role of Saudi Arabia and its British protectors would be the single-most important step.



The Al-Qaeda Executive

Financed and deployed by the British-Saudi Empire, al-Qaeda has been protected by the Obama Administration to accomplish the Empire's global war. In this feature [video](#), LaRouchePAC documents President Obama's use of the al-Qaeda networks to overthrow Qaddafi in Libya, and to carry out bloody regime-change against Assad in Syria, by the same forces who attacked the U.S. consulate in Benghazi.

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The Intended British Blackmail of East Asia

by Hussein Askary

The material presented in this article is derived from presentations and lectures delivered by the author in a number of public and private seminars in Tokyo and Kyoto, Japan, in December 2013.

In April 2013, as the carnage in Syria was intensifying, and civil war conditions in Tunis, Libya, Egypt, and Iraq were reaching horrific levels (as a result of American-British military and political interventions), the British Royal United Services Institute (RUSI), a key military-intelligence think-tank servicing the Royal Family and key institutions of the government of Britain since the early days of the Empire, issued what can be called a manifesto for rebuilding the British Empire's presence in the region "East of Suez," i.e., a safe distance from the carnage, in the oil-rich Gulf States.

While the RUSI report, titled, "A Return to East of Suez? UK Military Deployment to the Gulf,"¹ does not hide the fact that the British in fact "never left this region," securing its sheikhdoms and monarchies with military, strategic, and economic agreements, this time, it argues for redeployment of the British military, at least its "special forces." The report, besides openly declaring that the aim of this new "Return to East of Suez" strategy is to secure the influx of oil money to Britain's financial sector and arms industry, it has one very sinister aspect. That aspect should be understood by all the major economic powers in Asia, as a deadly blackmail capability by Britain against not only Asia, but the whole world. The report states:

"Lastly, this move is not just about securing loyal and wealthy allies in the Gulf. It is also a different itera-



EIRNS

The author, Hussein Askary; behind him is the Kinkaku-ji Temple in Kyoto, Japan.

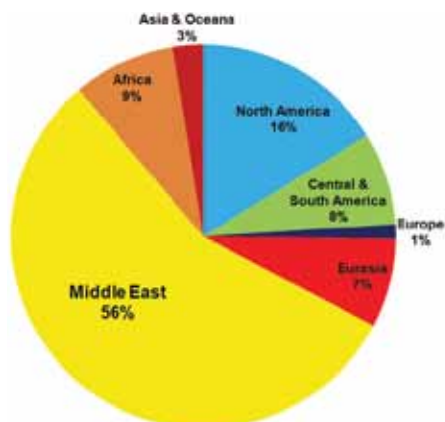
tion of the transatlantic special relationship. Much has been written about the Obama administration's 'Asia pivot'—the refocusing of US efforts away from the Middle East and towards the Far East and Pacific Rim. . . . Indeed, there is a line of thought that the Obama 'pivot' may see the Gulf region become even more important to US strategic planners, with one prominent commentator noting that: 'For geopolitical reasons [including China's increasing reliance upon Gulf energy exports] the American pivot toward Asia, and indeed sub-Saharan Africa for that matter, cannot be completed without control of the Persian Gulf.'"

In the foreword to the report, Michael Clarke, director general of RUSI, states the following:

"At a time of economic retrenchment and growing uncertainty within Europe, it may seem strange that the UK sees its future military security increasingly 'east of Suez'. Such an emotive phrase suggests imperial ambitions at a time when UK armed forces are smaller than they have been for 200 years. But there are compelling

1. Gareth Stansfield and Saul Kelly, "A Return to East of Suez? UK Military Deployment to the Gulf," RUSI, April 2013.

FIGURE 1
World Oil Reserves by Region



Source: US Energy Information Administration
from *Oil and Gas Journal* (2007)

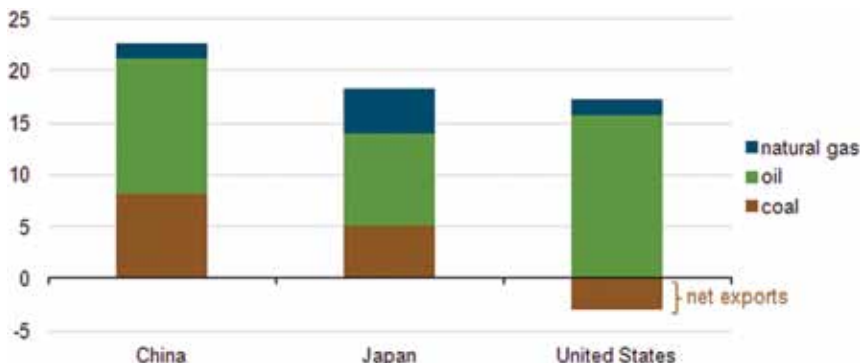
reasons for the UK to take its Gulf relationships much more seriously.”

The Background of the Blackmail

The blackmail potential becomes clear from reviewing some facts about the hydrocarbon resources of the region and their impact on the world economy, especially East Asia. Southwest Asia contains 56% of the world’s proven petroleum reserves (Figure 1). The Persian Gulf countries export about 17 million barrels of

FIGURE 2
Net Imports of the Top Three Net Fossil Fuel Importing Countries (2012)

Btu, quadrillion



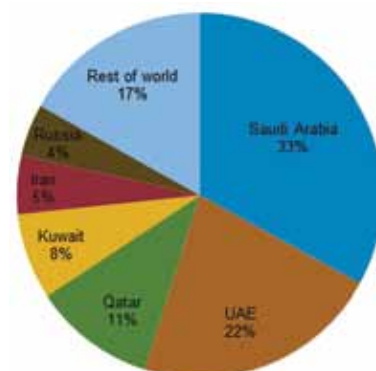
oil per day to world markets. However, 80-90% of that oil is exported to Asia. China and Japan are the number one and number two of the largest importers of fossil fuels in the world. The USA comes third (Figure 2). The difference is that unlike the USA, China’s and Japan’s imports of oil and gas (and we can add South Korea and India) come from this troubled region, through that chokepoint in the Strait of Hormuz (Figure 3). That fact puts Asia and the world economy in a precarious situation. China imports about one third of its

crude oil supply from Southwest Asia. Japan imports 80% of its crude oil from this region according to 2012 statistics (Figure 4). South Korea imports 85% of its crude oil from this region, and

FIGURE 3
Strait of Hormuz



FIGURE 4
Japan’s Crude Oil Imports by Source, 2012



Source: Global Trade Atlas, METI

India 60%. Japan has increased its reliance on imported oil and gas following the shutdown of the nuclear power plants after the tsunami catastrophe and the Fukushima nuclear power plant incident in March 2011.

Located between Oman and Iran, the Strait of Hormuz connects the Persian Gulf with the Gulf of Oman and the Arabian Sea. The Strait of Hormuz is the world's most important oil and natural gas chokepoint. Flows through the Strait in 2011 were roughly 35% of all seaborne traded oil, or almost 20% of oil traded worldwide. More than 85% of these crude oil exports went to Asian markets, with Japan, India, South Korea, and China representing the largest destinations. In addition, Qatar exports about 2 trillion cubic feet per year of liquefied natural gas (LNG) through the Strait of Hormuz, accounting for almost 20% of global LNG trade.

In January 2012, there was a great deal of commotion in international markets when the Iranian Commander of the Revolutionary Guard hinted, in response to threats by the U.S. and Israel to use military means and/or increased economic sanctions, to stop the Iranian nuclear program, that Iran could easily shut the Strait of Hormuz. Iranian officials tried later to calm down the concerns of the world saying that this was a rhetorical/hypothetical statement.

The International Energy Outlook 2013 ([IEO2013](#)), issued by the U.S. Energy Information Agency, projects that world energy consumption will grow by 56% between 2010 and 2040. It stresses that "much of the growth in energy consumption occurs in countries outside the Organization for Economic Cooperation and Development (OECD), known as non-OECD, where demand is driven by strong, long-term economic growth. Energy use in non-OECD countries increases by 90 percent; in OECD countries, the increase is 17 percent."

It further notes that, "Renewable energy and nuclear power are the world's fastest-growing energy sources, each increasing by 2.5 percent per year. However, fossil fuels continue to supply almost 80% of world energy use through 2040. Natural gas is the fastest-growing fossil fuel in the outlook. Global natural gas consumption increases by 1.7 percent per year. Increasing supplies of tight gas, shale gas, and coalbed methane support growth in projected worldwide natural gas use."

In contrast to the OECD nations, developing non-OECD economies, particularly in non-OECD Asia, have led the global recovery from the 2008-09 recession. China and India have been among the world's

fastest growing economies for the past two decades, according to the IEO2013.

This makes it clear that the British strategists are aiming at something much more significant and dangerous, than milking rich Arab sheikhs for petrodollars and protecting them. Therefore, Southwest Asia will remain the focal point of energy politics in the medium to long term. East Asia's relationship to this region will be the most important subject of diplomacy, economic cooperation, and dialogue. The relations between East Asia and this region have to be solidly established, and built on the basis of mutual cooperation and respect of the nations' rights, aspirations, and independence. The former Anglo-America method of divide and conquer is leading the region and the world to the brink of disaster. Therefore a totally new system of cooperation among nations has to be established.

Water and Nuclear Power

In the long term, if the region does not slide into the lurking 30-year religious war, plunging it and the world into a dark age, this linear relationship between hydrocarbons and the regional and global economy will not remain the same.

In a better scenario for the region and the world, the shift from power politics and imperial geopolitics to a system of respect and cooperation among sovereign nation-states, and the shift from reliance on fossil fuels to modern nuclear fission and fusion power, would secure the needs of nations and prevent war over so-called limited resources. Petroleum would not be burned for the energy content, but become an industrial feedstock to build car parts, building materials, medical materials, fertilizers, etc. In that world, fresh water will once again be worth more than oil. Water would again be recognized as the primary source of life.

One thing has become totally clear for the governments of the Gulf and other dry regions in the world: that the best solution to secure water for drinking, other urban usage, and for industrialization, is the desalination of seawater. Large steps have been taken by the countries in the region to build conventional desalination plants on a large scale, investing heavily in the combined water desalination/power generation process with the use of fossil fuels such as natural gas and oil.

More than two-thirds of the world's production of fresh water by desalination occurs in the region. Saudi Arabia alone produces 25 million cubic meters of water per day, which is estimated to be one-half of the world's



www.sidem-desalination.com

Saudi Arabia relies on oil to produce the power to run its desalination plants. Nuclear power would be far more efficient. This desalination plant is located in Jubail, Saudi Arabia.

total. The UAE produces around 3 million cubic meters per day. The largest desalination plants are located on the Gulf, near the locations of oil and gas production.

However, these countries will have to more than double that amount of desalinated water in the next decade, and triple it in the decade beyond. Water consumption will rise from 8 billion cubic meters in 2012 to about 11 billion cubic meters in 2016. Massive investments are already projected in this area.

A major problem in these projections is that the desalination of seawater is reliant on thermal power plants run by oil and gas. Saudi Arabia, for example, reportedly uses 1.5 million barrels of oil daily to produce the electricity and heat used for desalination. Not only the cost, but the physical production burden, and the environmental impact, of doubling and tripling the amount of fuel used for desalination have to be seriously taken into account.

In addition, the use of oil and gas for this purpose represents a net physical-economic loss, in the sense that a valuable industrial feedstock material that can give many times its value, if used as a base for petro-

chemical and other products, rather than burned to achieve a relatively low energy-flux density compared with nuclear power.

Nuclear Desalination

One of the key solutions to this problem is the use of nuclear power for these purposes, and for the increased industrial activities in the petrochemical field. According to the International Atomic Energy Agency's studies, medium-sized nuclear reactors are suitable for desalination, often with cogeneration of electricity using low-pressure steam from the turbine and hot seawater feed from the final cooling system.

At the moment, Iran is the only country in the region which has an operating large civilian nuclear power plant. The Bushehr plant, which is a product of cooperation between Iran and Russia, was inaugurated officially in September 2011, and reached its full capacity of power production (1,000 megawatts) in August 2012. In spite of all kinds of threats, sanctions, and sabotage by the United States, Britain, Israel, and the EU, Iran is planning to build several new nuclear reactors,

with the express aim of increasing energy output and desalinating seawater.

In December 2006, the Gulf Cooperation Council (GCC) announced that it was commissioning a study on the peaceful use of nuclear energy. The UAE was the first to launch its nuclear power program. The Emirates Nuclear Energy Corporation (ENEC) was established in 2009 in Abu Dhabi as an investment vehicle for the nuclear program. In December 2009, ENEC announced its acceptance of the bid offered by the South Korean Korea Electric Power Corporation (Kepco) to build four 1,400 MW nuclear plants by 2020 at the cost of US\$20 billion. The construction of the first of the four plants was started in Baraka in July 2012, and the fourth and last would be completed in 2020.

Saudi Arabia in turn announced in April 2010 the establishment of King Abdullah City for Atomic and Renewable Energy by royal decree of King Abdullah bin Abdul-Aziz Al-Saud. The Saudi government plans to build 16 nuclear power reactors by 2030. Even the poor nation of Jordan announced in October 2013 that it had signed an agreement with the Russian state nuclear corporation Rosatom to build Jordan's first nuclear reactor. Egypt has declared that it is dusting off its

suspended nuclear program with the construction of the first commercial nuclear power plant in Dhabaa on the western Mediterranean coast to be presented for international bidders.

If these developing nations, which have no domestic industrial capabilities to deliver nuclear power, realize that the choice of nuclear is a question of survival, it seems obvious that Japan, and even Germany, Western Europe, and the USA, which still have the domestic capabilities, should rethink their suicidal anti-nuclear policies. The issue is not simply whether nuclear technology is the superior form of power technology (which should be obvious to any sane person), but that their own economic survival, from one day to the next, is almost completely under the grip of British oil geopolitics, which has controlled this region for more than 100 years, since oil became the main fuel source for the British Royal Navy.

That control has become the declared intention of major British oligarchical institutions. Whether the British and their American lackeys succeed in their devilish schemes or not, oil and gas from this region will not be available beyond the next two decades in the same amounts or prices as they are today.

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The British Crown Goes for Fascism

by Mike Billington

Jan. 5—Since 2006, three Thai governments, each elected by overwhelming majorities, have been removed from office by extra-legal means, or by courts acting under dictatorial powers granted by a military junta—and now a fourth such coup is underway, this time by an overtly fascist mob, demanding the end of democratic elections and of representative government, in favor of a return to a form of absolute monarchy, overseeing an appointed “people’s council” with absolute power.

Two issues—neither of which are mentioned in the voluminous media coverage of these illegal coups—are essential to understanding why Thailand has been subjected to this recurring chaos and dictatorial rule. First, each of the elected governments under former Prime Minister Thaksin Shinawatra have played a leading role in bringing Thailand and most of Southeast Asia into a close collaborative role with China, and with the rest of East Asia generally—which is seen as a crime by those in the West gunning for a military confrontation with China. Just as Ukraine is today being targeted for destruction, for the “crime” of cooperating with Russia, so Thailand’s destabilization is intended to disrupt the growing cooperation for development with China by Thailand and its neighbors.

Not surprisingly, two George Soros-funded groups, Human Rights Watch and the International Crisis Group, are on the scene of the demonstrations in Bangkok, as they are in Kiev.

The second issue which needs to be addressed is that Thailand is still a monarchy, which is essentially dominated by the British and related royal families of Europe. These monarchies have openly supported each coup, and are now determined to finish off Thai democracy altogether with the imposition of a fascist junta.

To even mention the role of the monarchy within Thailand risks incarceration under the draconian lèse-majesté laws. The feudal character of this monarchical

system is finally, only now, becoming transparent to a growing number of Thais and some international analysts. Whether the Thais will mobilize to end this tyranny before Thailand descends into total destruction is a question of importance for all citizens of the world.

Great Projects and the General Welfare

The current Prime Minister, Yingluck Shinawatra, is the sister of Thaksin, the widely popular twice-elected prime minister, who served from 2001 until the royalist/military coup which deposed him in 2006. Every election since that time has returned Thaksin’s supporters to power, even though Thaksin himself is in self-imposed exile due to a contrived conviction against him over a petty corruption charge.

When Yingluck was elected in 2011, she began to reinstate the ambitious development programs initiated by her brother, along with his policies to uplift the peasantry from poverty and backwardness. These include:

- a massive water control project to end the deadly annual flooding, with primarily South Korean support;
- high-speed rail projects to connect the major cities, and eventually complete the “Orient Express” from Kunming to Singapore, with primarily Chinese support;
- universal health care, providing decent care at low cost to the rural poor for the first time;
- special credits to each village for development projects;
- university scholarships for the rural poor;
- government-supported increases in the price paid to peasants for rice.

Although it has not been officially adopted by the government, leading Cabinet ministers, and Thaksin himself, have also called for reviving the Kra Canal project (**Figure 1**), which has long been championed by *EIR* (see <http://larouchepac.com/node/28237>), this time with potential support from China and Japan.

After Thaksin was overthrown in 2006, all these programs were scrapped under the appointed government of Abhisit Vejjajiva, who was born, raised, and educated in Britain. Now, Abhisit’s Deputy Prime Minister Suthep Thaugsuban (most famous for his role in ordering the military to open fire on demonstrators supporting Thaksin in 2009, leaving dozens dead), has turned himself into the demagogic leader of “the people,” directing his middle-class mobs to occupy government buildings, and ordering a total shutdown of

FIGURE 1

The Kra Canal (proposed)



Bangkok beginning Jan. 13, until Yingluck resigns. Not even Yingluck's call for new elections Feb. 2 failed to head off Suthep's action.

One Million Bottles of Beer

Suthep has made clear that, if he gains power, all major development programs will once again be scrapped—he calls them “boondoogles”—while the many programs to uplift the standard of living and health and education of the poor will be “frozen”—he calls them “bribes” by Thaksin's supporters of the “ignorant masses” in the countryside.

One spokesperson for the fascist mobs on the street, Chitpas Bhirombhakdi, the heiress of the Boon Rawd company (brewer of Thai Singha beer), denounced the supporters of the government as ignorant country people who can't understand democracy, and said that therefore democracy had to be suspended. The backlash was immediate.

A call for a boycott of Singha beer, issued by Pakdee Tanapura (a long-standing collaborator of *EIR* in Thailand, and a leading organizer for the Kra Canal), led to a collapse of Singha beer sales by 1 million bottles in one week, according to a source in Bangkok. The parents of the heiress were so astonished and dismayed,

that they demanded that their daughter renounce the family name!

More Boycotts?

Tanapura also warned that if the mobs proceed with their threat to shut down Bangkok and overthrow the government, other companies which are known to fund the fascist movement should be included in the boycott. This could include the Charoen Pokphand Group, Thailand's largest conglomerate, with interests in agriculture, telecom, and the Internet. In addition, Tanapura said that, if the military goes through with its veiled threat to carry out a coup, the public should withdraw its funds from the banks and refuse to make loan repayments, thereby hitting the London-centered international financial oligarchy which is ultimately responsible for the chaos.

Tanapura has informed the population in his regular TV appearances about the fascist nature of the royalist mobs, describing how Hitler and Mussolini came to power as “people's power” advocates against elected governments. But most telling, Tanapura is reminding Thais of what happened in neighboring Cambodia in the 1970s, when Pol Pot's Khmer Rouge seized power, denouncing industrial development, modern agriculture, and “Western” education, calling instead for “self-help”—leading to genocide.

Interestingly, the British intelligence leak-sheet *Asia Sentinel* published a warning Dec. 17, “Thaksin: The Thai Monarchy's Savior?”, that the extreme actions of Suthep's mobs, claiming to be defenders of the monarchy, may actually undermine the monarchy itself. The article notes that although Thaksin and his supporters have never attacked the King, their program of lifting the peasantry into the modern world is in direct contradiction to the King's “self-sufficiency” policy—essentially keeping the peasantry well fed, but backward. The article also says that while it may be true that the Thai people revere the King (as is reported internationally, ad nauseam), that does not mean that they love the monarchy. The current King—the richest and longest-serving monarch in the world—is very ill and could die at any moment. The article concludes that the “current nationwide commitment to royalism is owed to [King] Bhumipol, not the palace or the elite cohorts.”

To these British analysts, it were better to let Thaksin Shinawatra back in the country than risk losing the monarchy!

SENATE HEARING MAKES CLEAR

It's Either Glass-Steagall Or a New Crash Very Soon

Special to EIR

Jan. 13—A panel of five economists questioned by Sen. Elizabeth Warren (D-Mass.) at a Jan. 8 Senate Banking Committee hearing, was unanimous in declaring that neither the Volcker Rule nor the entire Dodd-Frank Act has removed the “too-big-to-fail” danger of the Wall Street banks which brought down the economy in 2007-08. Warren responded to the panel’s judgments by stating that it is time for Congress to take additional action; she is one of the prime sponsors of Senate legislation to restore a “21st Century Glass-Steagall Act” (S. 1282) and break up these Wall Street banks.

The hearing, of Sen. Sherrod Brown’s (D-Ohio) Subcommittee on Financial Institutions and Consumer Protection, was called to receive a new report by the Government Accountability Office (GAO) on how much the big banks were bailed out in the crash (in the trillions), whether they are still subsidized (yes), and whether the Dodd-Frank Act had ended the threat of a new crash and colossal bailout. GAO economist Lawrence L. Evans summarized his conclusion, “Dodd-Frank aims to restrict future government support, but implementation is incomplete and effectiveness remains uncertain.”

The GAO’s criticism was directed at Title II of the Dodd-Frank Act, the so-called orderly liquidation, or, more accurately, “bank bail-in” scheme. Well-known economists Luigi Zingales of the University of Chicago, Simon Johnson of MIT, Alan Meltzer of Harvard, and Harvey Rosenblum formerly of the Dallas Federal Reserve Bank and now at Southern Methodist University, all debunked Title II in the course of testimony and

questioning. What was clear was that Dodd-Frank measures would not prevent massive new bailouts, nor a market crash.

Warren Poses the Question

But Warren brought the hearing to a point by asking all the witnesses, first, “Will the Volcker Rule [another section of Dodd-Frank—ed.], if vigorously enforced, end ‘too big to fail’?” All answered “No,” with Rosenblum adding, “Hell, no.” Warren then asked whether all the regulations of Dodd-Frank, if completed and vigorously enforced, would end the too-big-to-fail (TBTF) danger. Again all responded “No,” with Meltzer and Rosenblum emphasizing that only action by the legislature, not relying on myriad rules and on regulators, could solve the urgent problem.

Johnson explicitly told Warren that, barring any “credible” plan for shutting down bankrupt banks, which he did not see in the cards, “the Federal Reserve and other authorities should take remedial actions, including much higher capital requirements, including breaking up the banks as you proposed, along the new Glass-Steagall lines.”

Having teed the ball up, Warren then drove it down the fairway, saying that Treasury Secretary Jack Lew had agreed, at a mid-2013 Banking Committee hearing, that if TBTF Wall Street banks were not reined in by the start of 2014, a different attack would be needed. She concluded that it is now time for Congress to act again. The reference to her Glass-Steagall restoration legisla-

tion was implicit, and is the obvious next subject for a hearing in Senator Brown's subcommittee.

A YouTube [video](#) of Warren's exchange with the witnesses and concluding remarks, spread rapidly.

Lew Does the Opposite

Treasury Secretary Lew, of course, has no intention of taking action against the huge, predatory Wall Street banks. He, his boss President Obama, and the European Union banking authorities are instead desperately trying to shore up the bankrupt trans-Atlantic banking institutions, by extending the Quantitative Easing (QE) process and protecting the banks from any regulatory measures which would expose their fundamental insolvency.

While the Senate hearing was taking place, Lew was traveling to the capitals of France, Germany, and Portugal to deliver the message which the bankers want to hear: New measures of bailout should be put into effect immediately. In particular, Lew urged every minister he met with to get Mario Draghi's European Central Bank to start large-scale QE—Fed style—buying the toxic assets off the books of the Euro-banksters, e.g., Deutsche Bank, HSBC, etc.

Then, the “global regulators,” including the Federal Reserve and European Central Bank, going along on every point with the biggest trans-Atlantic banks, agreed on Jan. 5 that the bank's minuscule capital ratios should not be touched, leaving them at 3% (or about 35:1) indefinitely. *This leverage ratio destroyed Lehman, Bear Stearns, and would have collapsed all the others without TARP, FDIC, and Fed bailouts.* It was left untouched after what the *Financial Times* called “ferocious resistance” by the banksters to proposals to raise the ratio to 6% (or 16:1), or to 8%, (or about 12:1 leverage).

Moreover, the regulators, meeting at the Bank for International Settlements (BIS) in Basel, agreed to change the definition of bank assets *back to one which includes almost none of the so-called “systemically important financial institutions’” derivatives exposure*, or other off-balance-sheet structured investments.

The decision at the BIS was hailed by ECB head Draghi.

The biggest British and Eurozone banks have no ability to raise capital because of their toxic condition, except from government bailouts, or by confiscating assets from creditors and depositors. They also do not want to be forced to get any less big, the other way to raise their capital ratios. The only thing the Eurozone

big banks will now have to do, is to drop the “risk-weighting” which makes even their tiny capital ratios fraudulent—and they may have to make that change as early as ... 2018. “The big banks can now exhale,” wrote the German financial daily *Handelsblatt*.

They could, that is, if they were alive and breathing, not the zombies they are. Combined with the leaked reports that the EU's Single Resolution Mechanism treaty and EU bank union head Michel Barnier will *not* regulate any breakup or even ring-fencing of banks, the picture is clear: The Eurozone banks are too fragile to be touched in any way while they “stumble toward the next crash,” to quote former U.K. Prime Minister Gordon Brown in the *New York Times* Dec. 16.

Where's Glass-Steagall?

The weapon with which to prevent a disastrous crash lies in the hands of the Congress, with two matching bills in each House. So far this session, no Congressman has stepped forward to push them through.

On the state level, the situation has begun to move. On Jan. 8, State Senator Richard Black, a Republican from Virginia, introduced S.J. 22, a resolution urging Congress to pass the Glass-Steagall Act. This is the first memorial to be submitted in 2014.

Then, speaking Jan. 9 before the Economic Forecast Luncheon of the Wisconsin Bankers Association, Kansas City Federal Reserve president Esther George issued a clear call for Glass-Steagall, as the most effective means to eliminate the too-big-to-fail banks, restore sanity to the U.S. banking system, and especially to provide desperately needed relief to community banks, which are not being aided by the incredibly complex Dodd-Frank monstrosity.

George is a key ally of former Kansas City Fed chairman and Glass-Steagall proponent Thomas Hoenig, as well as an opponent of Quantitative Easing and the low-interest-rate policy that has wreaked havoc in the economy, and she is now the only member of the Fed to openly advocate Glass-Steagall.

As for Wall Street, however, the bankers are well aware that there could be an immediate surge for the Glass-Steagall they so greatly fear, at any point. This fear was writ large in a Jan. 9 “Top Story” published in the *American Banker*, which dealt with Glass-Steagall and Hoenig's arguments at length—only to claim that the bill's popularity was due to it being an eponym, i.e., bearing the names of its sponsors! That's called whistling past the graveyard.

Saudi 9/11 Hit Worst Since Pearl Harbor

by Edward Spannaus

Jan. 13—At a point when British-directed and Saudi-sponsored terrorist attacks against Russia threaten to bring the world to the brink of nuclear war, and when Saudi-sponsored al-Qaeda terrorists are spreading chaos and death in Syria and Iraq, important developments within the United States are bringing the day closer when the Saudi sponsorship of the 9/11 attacks will be fully exposed.

The most important of these U.S. developments are: 1) former Sen. Bob Graham's continuing campaign to reopen the 9/11 investigation, which, he suggests, could show that the Kingdom of Saudi Arabia played a central role in the worst attack on the United States since Pearl Harbor; and 2) the stepped-up campaign in the U.S. Congress, around House Resolution 428, to force release of the suppressed 28 pages from the Congressional Joint Inquiry into the 9/11 attacks, which, many sources report, definitively prove Saudi financing of the 9/11 hijackers.

In a hard-hitting Dec. 19 interview with a London YouTube program called TruthLoader, Graham, who led the Senate side of the Congressional Inquiry, declared that the issue of the suppressed 28 pages is not "past history." Graham said this could lead to a reassessment of U.S. policy regarding Saudi Arabia, Syria, and Iran today, particularly, "if we knew that Saudi Arabia had been a collaborator with the 19 hijackers." In the interview, Graham also blamed Barack Obama for carrying out a cover-up even beyond that initiated by the George W. Bush Administration.

Graham stated that the two primary reasons why the 28 pages and other classified documents regarding the Saudis should be released are 1) justice for the victims of 9/11 and their families, and 2) national security. He pointed out that the U.S. has assumed that the Kingdom of Saudi Arabia is a loyal ally, and, in fact, he said, the Saudis have been helpful to the U.S. in certain areas. But this is not sufficient reason to refuse to disclose in-

formation "which might indicate that Saudi Arabia was perfidious, and played a critical role in the most significant attack against the United States—in the United States itself—since Pearl Harbor."

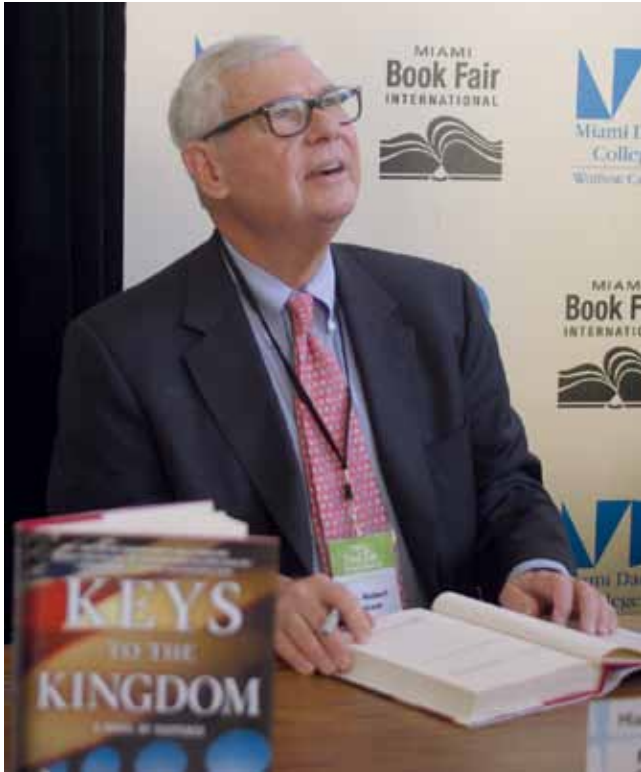
Asked about the implications that would flow from the release of the 28 pages, Graham said this could cause a re-evaluation of U.S. policy, at a time when several Saudi officials have been "publicly and stridently" critical of the U.S. He pointed to one high-ranking member of the royal family, a former head of the Saudi intelligence service (most likely Prince Turki bin-Faisal), as having been very publicly critical of U.S. policy toward Syria, and of the U.S. role in the agreement concerning Iran's nuclear program.

When discussing the content of the classified 28 pages, Graham and others who have seen them, are compelled to be very circumspect in what they choose to disclose. But on other occasions, when not directly discussing the 28 pages, Graham has been able to be much more direct, and has left no doubt that he believes there was a Saudi support network for the 9/11 hijackers in San Diego, Calif., and in Sarasota, Fla. He has also often raised the issue of preferential treatment for the Saudis by U.S. intelligence and law enforcement agencies.

Obama's Cover-Up

In the Dec. 19 interview, Graham identified three questions that need to be answered: 1) Did the 19 hijackers carry out the 9/11 attacks on their own, or did they have outside assistance? 2) Was the government of Saudi Arabia or related entities involved, and why did they provide such support? and 3) Why has the U.S. government gone to such lengths to cover it up?

He suggested that in light of the Bush family being so close to the House of Saud, and the U.S. relationship with Saudi Arabia around oil and defense going back to World War II, it was not hard to understand why President George W. Bush would have protected the Saudis. But, he continued, it's more difficult to understand why the Obama Administration has essentially continued the policies of the Bush Administration, and in some ways, even gone beyond what the Bush Administration did, in terms of classification of documents. "That is an even more intriguing question," Graham said. He said he cannot fathom Obama, who, during his 2008 campaign, had reportedly promised the 9/11 victims' families that he would release the 28 pages and other classified documents. "That hasn't happened."



Wikimedia Commons/Rodrigo Fernández

*The issue of the suppressed 28 pages of the Congressional Joint Inquiry on 9/11 is not “past history,” insists former Sen. Bob Graham, who led the Senate side of the investigation. Graham is shown here signing copies of his 2011 novel, *Keys to the Kingdom*, which is based on the events of 9/11.*

When asked how this investigation has been able to be so contained, Graham pointed out that the President and those responsible to him, have almost complete control over what information to release to the public, and what information to withhold. In this case, they have withheld information “aggressively, and extensively.” And because there has not been a flow of information, they have contributed to the fact that this issue “is increasingly being treated as one of past history, not one that has effect on current decisions and actions.”

Reopen the 9/11 Investigation

In the London interview, Graham called for:

1. Release of the 28 pages from the Congressional Joint Inquiry;
2. Disclosure of FBI documents concerning the Saudi family in Sarasota, who is tied to the Saudi royal family, and who was in contact with three of the hijackers who were taking flight training; and,
3. Re-opening of the 9/11 investigation, to assess the importance of the 28 pages, etc., and to find out

what happened in other locations—such as Paterson, N.J.; Falls Church, Va.; and southeast Florida—where there was a substantial hijacker presence prior to the 9/11 attacks; and to determine whether they were getting support similar to that provided in San Diego and Sarasota.

Congressional Mobilization

Meanwhile Reps. Stephen Lynch (D-Mass.) and Walter Jones (R-N.C.) are stepping up their mobilization around H. Res. 428, for declassification of the suppressed 28 pages, radio station WBUR in Boston reported on Jan. 8.

On Jan. 7, according to WBUR, Lynch and Jones formally asked their colleagues to read the 28 pages, and then to co-sponsor H. Res. 428, which calls upon President Obama to declassify and publicly disclose the redacted pages. Back in early December, Lynch had told the *International Business Times* that he and Jones were preparing a “Dear Colleague” letter calling on all House Members to read the 28 pages and then join their effort. In the Jan. 8 interview, Lynch said that he, as a Democrat, and Jones, as a Republican, will work their respective sides of the aisle, seeking co-sponsors, and that they should know within the next 4-6 weeks if they have enough support in the House to tell the White House to release the documents.

In the WBUR interview, Lynch acknowledged, of course, that he cannot discuss what is in the classified pages, but he did say that there are similarities between what happened on 9/11, and what is going on in Syria today, and that the material in those 28 pages could be instructive in helping Congress to put the situation in Syria in context—an obvious reference to the fact that the al-Qaeda-linked rebels in Syria are being armed and financed by Saudi Arabia, and that the Saudis are demanding that the the U.S. intervene militarily on their side, and against the Assad government.

On Jan. 2, Congressman Jones conducted an interview with Alex Jones of InfoWars on the 28 pages, which interview has been re-posted on the Ron Paul Institute website and many others. Jones repeatedly urged listeners to call their Members of Congress and tell them to co-sponsor H. Res. 428. Jones also praised Bob Graham for his almost 14-year fight to get the information released, which would show who made 9/11 financially possible. The American people have a right to know who financed the 9/11 hijackers, Jones declared, promising, “We’re going to continue to beat this drum.”

NOW! TRUTH & HUMANITY!

Against Dictatorship!

by Lyndon H. LaRouche, Jr.

January 5, 2014

Even among our own organization, corrupt passions leading toward petty tyrannies, were being bred, by some, such as those under the influence of, not my own associates, but the tendency toward a, somewhat wide leaning toward the equivalent of a Nazi tradition of Adolf Hitler's murderously openly bloody actions, as such matters as these have been customarily wreathed with petty tyrannies. That has been sometimes to be seen by us as to be found sometimes among misguided persons of our own association. Generally, that is done out of the influence of petty forms of the misguided sorts who are typical of some among the bureaucrats who had sometimes preferred arbitrary personal measures of the liking for sterile methods of bureaucracy, rather than the consent to the rules of proper consent among authorized leadership. It sometime appears that the practices of the successive Bush and Obama presidencies, have taken over some among our own such bureaucrats. True reason among leading equals, must be the practiced standard, not bureaucratic privilege, but that which will do the necessary work, without bureaucratic privileges. In my conclusion to this following report, I will have hoped to have provided what is fairly to be considered a very useful illustration of the point—in the end.

To begin:

Dictatorship is often shielded from the exposure of its truly fraudulent nature, by disguising itself by aid of a ruse made by wearing the mask of commonplace popular ignorance. Those errant fellows may employ the language of “I am only being practical,” or, “I am only insisting on my right to express the personal authority of my own opinion,” when what been spoken had been on the account of some alien sort of alleged “authority” residing in some actual, but actually counterfeit pretexts.

In the work of a scientifically qualified and highly matured author, the role of the editor's function, is properly delimited to typographical and related details, details which should not alter the original intention of the author's thesis and its argument. Or, as in the case of my authority and experience over more than forty years as being at the founder and the head of my present association, has been the intention and related spirit of an actively leading figure, a post I have occupied, as being also the origin of that association, and a matured expert in such matters in respect to the content of the subject matters treated. Editors in that institution are properly subordinate, but not mere lackeys; they are auxiliaries of the most of the principal editorial functions of the process leading into what has been my included part in what had been at its start, our association's now long-standing leading weekly publication, **Executive Intel-**



The “children of Zeus,” with headquarters in Wall Street and the City of London, represent the very “unmythical” source of tyranny globally. Here, one of those evil U.S. actors, Prescott Bush (left), funder of Hitler, and progenitor of George H.W. and George W. Bush, shown with his son George H.W.

ligence Review, and other related publications. Among us, bureaucratic opportunist pranks are to be relegated, usually quite voluntarily, to other employment in other, more suitable places.¹

Otherwise, the claims of such mere pretexts of the alleged opponents of our own effects, even in respect to essential subsidiary functions, must avoid attempts which may have been, demonstrably, no more than those pretexts arbitrarily supplied by sources which are either claiming an authority which is merely someone’s arbitrarily assumed to be, what is mere more or less fiction in its effects. When the users of such mere pretexts have endowed themselves with the mere claim of some occasional elements of seemingly godly authority, what they have then represented is, in their imaged effect, a kind of alleged godliness, a quality which is usually of

the breed of such pretended divine authorities as those of the inherently ungodly Zeus and his minions. Or, the same might be said of, even, almost any “Wall Street” swindler. Indeed, the latter, like all Wall Street types, and like the followers of Zeus, are inherently swindlers; even if not by intent; they are, then, like a prostitute, to be befouled in their fate, by the specific nature of the occasional diseases typical of any confessor of a sinful profession.²

There are some differences in opinion, which lean toward something approaching the flavor of a different species. Despite such aberrations; I, and my collaborators, are not to be seen as confused in their recognizing actually human interests as being the essential values, even if some others among them may sometimes appear to confuse themselves on that account. Subterfuges are likely to become seen as exactly that.

The Role of Proper Editorial Policy

I am fully and clearly aware, as I have just written here, that much of the so-called “publishing industry,” which often shows some contrasting, even contrary, intentions, which may often lean toward a contrary quality, for example, as a quality associated with some notable emphasis on some buying and selling of souls, rather than searching for the achievement of true principles related to clearly spoken missions guided by a truly human social principle of a quality intended for true service to the cause of humanity as such. “But, it looks like,” is a slur which may often risk being actually a sly libel. “Successful shysters” remain, in the final judgment, shysters nonetheless.

The relevant explanations of this by my associates are, for the most part, a potent devotion to truth in respect to the practice of an actual science of economy.

Therefore, the reasons for the prevalent moral misbehavior among some prominent members of the “pub-

1. When an editor changes the meaning of the author’s intention in a work in which the content is of a scientific character, and the editor has changed the meaning of the author’s intention, the editor who takes over the process of concluding the author’s writing with a different intention than the author, the editor is acting as a fraudster, not a legitimate editor, that editor has committed, at the very least, a moral fraud. Where the subject text, is not a report bearing on a systemic principle, the offense might not be implicitly a matter of something akin to criminal fraud, but merely a serious abuse in matters of practice, worthy of public denunciation.

2. In the case of a member of a collection of persons spreading malicious opinions, if the person is participating in an organization such as a Wall Street association, then, in a matter of public opinion, then, in that case, the subject person is implicitly participating in what might be considered as an intended as participant a personal offense, even if the endorsement was a merely implicitly responsible, if the principle of collective action applies to the incident collectively, rather than otherwise. For purposes of law, the conclusion might be seen under law as a coincidence, but that coincidence should remain just that: editors take note.

lishing industry,” has also had a powerful stink built into it. The most significant of those kinds of offenses, is derived from the intention incorporated in a sheer, pragmatic opportunism of one sort of another.

The particular point of my introducing those considerations here and now, as that is placed within this opening of my present report, is that my point just taken immediately above, here, has correspondence to the views of the excellent principles introduced by the founding economist of the actual creation of the U.S.A.’s Federal Constitution, Alexander Hamilton, had precisely defined his distinction between actual social value and a mere exchange of money. The issue is not a mere matter of appearances. Without Hamilton’s decision on this account, the United States would have not survived its very beginnings. The crucial point to be taken into account, in that respect, is shown in Hamilton’s successful launching of those particularly rigorous, anti-monetarist policies which were essential for both the initial existence and the survival of the United States.

In contrast to what I have just referred to as being Hamilton’s own remarkably successful principle of economy, there has been the contrary, presently widespread continuation of the monetarist system. That latter practice is typified in the United States today, by the Wall Street gang operating under agencies alien to both the original principles and the currently vital interests of the United States. That has been an ugly, populist error, which had also been expressed, early on, by the spewing of the opportunist rants of President Thomas Jefferson. Jefferson’s shameful role had been continued, until a decade, or more, later in his life. The relevant foreign, monetarist interests, had been already lodged so; this has persisted since a time prior to the formation of the U.S. Federal Constitution; it had been, that done, chiefly, by foreign banking institutions represented within the United States, but were also actually located in the vicinities of New York City and Boston, exerting a foreign, and also a subversive interest, the which operates still, chiefly, as an intended hostile force against the vital interests of the then already young United States, as presently.

The political interests of those foreign-based intruders into the control over the affairs of our United States, was to have, then and now, bought up many Presidencies, such as those of Andrew Jackson and Martin Van Buren. Both of the latter pair were controlled directly, politically, from British and Dutch banks operating within the region of New York City, and also Boston.



EIRNS/Stuart Lewis

First Treasury Secretary Alexander Hamilton set the precise standard for the difference between actual social value and the monetarist practice of the Wall Street swindlers, who represent the “children of Zeus.” Here, his statue in Great Falls, N.J.

Both Presidents Jackson and Van Buren were actually of no higher rank than as sub-agents of the professional assassin and British agent, Aaron Burr, who had created and also directed the launching of Presidency of both Jackson and Van Buren. Every known assassination of a President of the United States, including that of President John F. Kennedy, has been a product of, in the last analysis, of those same British interests which were also operating within elements of had become, thus, the often polluted, then current United States government of both that period, and later. The U.S. Civil War of the 1860s was a direct outcome of a trend which had been, thus, set into operation by Aaron Burr’s direction of the Presidency of Andrew Jackson.

There should, therefore, be no continued mystery respecting the reasons for the cases of the strategically

motivated assassinations of the U.S. Presidents who had sometimes fallen on the “wrong side of the bed,” when they should have been warned of the notable evidence of the foreign strategic interests of the British empire is taken into account.

For example, consider the subsequent economic-strategic policies identified with Prescott Bush’s backing for Adolf Hitler’s election to dictatorial power in Germany, for which the authorship of the policies of Presidents George W. Bush, Jr. and Barack Obama are to be taken into account. These actions, the which had been in accord with the rabidly British imperialist sentiments and practices of the Wall Street gang, have to be taken into account. They had been in accord with the murderously wicked intentions and practice of a British Empress, the current Elizabeth II, who has avowed, and acted more or less fully in furtherance of her stated intention to bring down the population of the United States (and also of the present world’s human population), from an estimated seven billions persons, to the vicinity of a single billion, or less.

After we have taken into consideration those actions, and their expressed “green” intentions against the people of the United States itself, we are confronted with broader illustration of the way in which the world really became what it, and our current U.S. President, is presently. However, these facts to which I have referred up to this point, are merely an insight into the nature of the kind of corruption which the very “un-mythical” reality of the legacy of the children of Zeus have played, in their creating the kind of long wave of oligarchy tyranny which so much of the world has suffered since the relevant ancient times, to the currently present date.

It is now, thus, time for mankind’s reigning opinion to grow up to the actual implications of the real facts of mankind’s world history.

Modern Modes of Genocide

The case of the Roman imperial system (and its like) perpetrated its exertions for the attempted extinction of Christianity, contains a highly illustrative body of evidence on this account.

The actual slaughter within the ranks of Christianity, had been the product of the continued adherence to the previously established model of the principle of Zeus, as relevant, ancient Grecian scholars had already presented the issue. Since that time, the evidence of that case had been evident to all competently experienced

leading authorities on such subject-matters, as that is shown by their attention from the standpoint of references to a systemically rich presentation of the most relevant, absolutely accurate evidence.

For example:

I, personally, have been among those who had been privileged to be informed with a significant span of a depth of knowledge of the relevant, exact physical evidence which proves the actually historical case against Zeus, and, otherwise, therefore, proves the contrary case for Zeus’s traditional adversary, Prometheus, as that action had been accomplished with precisely modern scientific precision by competent authorities in such matters. That proof is available with the means of the relevant, conclusive, physical-economic evidence; this is, evidence which, when competently understood, is not only conclusive evidence, perfectly conclusive evidence, but all that with actually competent, scientifically crafted precision, as I shall point out relevant known factors since both the relevant Classical Greek sources and the evidence of modern science, alike.

So, the evidence bearing on the actual history of the human species, since the most ancient of the actually known times, shows, that the human species is no mere animal species as such. It has been, and remains a uniquely different, and thoroughly superior quality of mental life: the which is the characteristic, truly uniquely, creative species, the human species, which creates its own effective evolution upwards, *willfully, rather than merely biologically, and which acts on the basis of scientific foresight into the future of human society, willfully, rather than by simply biologically, deductively mere description of cause-and-effect*. Man’s life differs from animals’ life, which differs radically from the beasts, by the margin of the creative means of an active principle of specifically human foresight. Every person today, must still struggle to succeed in reaching that realization of the fully true meaning of humanity, that done in this way. Widespread popular opinion, indeed, prevalent throughout the world, is maliciously, and systemically incompetent in its frequently terrible failure to acknowledge the scientific reality of that distinction.

Nonetheless, competent science in this matter demonstrates that all of the competent successful evidence of modern physical science available, actually proves the evidence of the human species’ absolute and vast and profound superiority over all presently known



The characteristic of the truly unique, creative human species is that it creates its own evolution, and acts on the basis of scientific foresight. Here, one of the masters of that process, Johannes Kepler (left), presents one of his discoveries to Emperor Rudolf II.

other living species on precisely this account. The physical-biological evidence as such, enjoys the uniqueness of acting **in reaction to foresight into knowledge of the future, rather than deduction in itself**. This point is already clear with perfect precision: despite the widespread obsessions still maintained by the prevalence among the persons of contrary, essentially deductive, presumptions.

Until that true, also biological fact of the human species as fact, is then effectively recognized, *then*, mankind, in general, would have continued, in the main, to wander in virtual intellectual darkness concerning the very true purpose and meaning of what is specifically unique to the role of foresight which is essentially distinction which defines the efficient difference between the creative potential inherent in the human mind, and, therefore, the basis for any specifically successful quality of human existence.

For example:

China's Landing on the Moon!

China's examination of the evidence of the function of Helium-3 on Mars, as also, primarily, a source taken from the radiation of the Sun, has now presented a practicable appreciation of the fact, that the Moon itself functions as, essentially, a medium for mankind's actual approach to the use of the greatest of the

chemical sources of power for mankind yet to be put in place for practice. That will prove the fact, if the work is continued, that mankind is ready to assume our species' true place ahead, for the use of the greatest man-made force, yet, for human progress within the domain of nature as we presently know it; and, for the harvest of such achievements will be a lesson of the meaning of truth for all mankind, on the condition that the work is properly continued.

In the coming days and weeks ahead, these implications which I have emphasized in the earlier sections of this report, should, hopefully, gradually become better understood.

That is the meaning of truth, as almost no ordinary "practical" editor has seemed, actually, ever to have known it in practical terms. The time for truth, in the proper sense, might, hopefully, be fast-approaching. Disagreements of the passing moments aside, let us hope to agree to make it so.

On the True Nature of Man

The scientific proof of the argument respecting the uniqueness of the fundamental principle of scientific knowledge respecting the matters, concerning the truly scientific nature of the which I had summarized immediately above, is adumbrated in the records of the celebrated series of the historically successive editions of the highly notable, long-standing series of the works produced as the **Handbook of Chemistry and Physics**.

There are varying faults in the systemic features of the actual series of that publication, some meritorious despite all else, but others for which a large part of what is published, especially recently editions, has introduced some ideological presumptions which are scarcely to be considered actual science.

There is, nonetheless, also a substantial amount of credible, if not yet perfect evidence from that series, and have represented a somewhat clearer authority up to the present time, which shows, more directly, the distinction of the human species from all other classes of living creatures. Unlike all other presently known fauna, the upward evolution of the human species since the earliest known existence of the human species as human, mankind's unique distinction, which the known history of chemistry suffices to demonstrate, a differ-

ence which is, that the other, properly astonishing evolution of the human species, as taken from a point of what are to be, later, fairly estimated to be the earliest type of mankind. That, is our human species' now clearly absolute distinction from all other known living creatures: the power of the essential intellectual evolution of the human genotype, upwards, to rise to generally ever higher standards of creative power shown amid the history of the culture of our species, a history ranking above all others presently known to all physical-biological science.

The fault of the customary academic scientist presently, is located in a still widespread, systemic error of most among the relevant leading scientists themselves: the systemic fallacy of the reductionist instincts which are adopted as the specifically professional identities of the "physical sciences's" current omission of the actually noëtic qualities of the potential of the human mind. That omission must be considered, as having created a reductionists' obstacle to the physical efficient characteristic of the actually creative principle; that obstacle, which, in fact, is the crucial factor of necessary distinctions which defines the essential difference of the human intellect's noëtic powers of potential which absolutely distinguish the human species from all known others.

That singular distinction of the human species, is a general characteristic; but, the existing trends in commentaries on the crafting of the culture of the human individual, tends to mask, or even appear to obliterate the most crucial of the actually principal distinctions of the human mind: the power to efficiently employ the naturally given, noëtic abilities, continues to rest upon that potential of the human to become enabled to foresee the actually know the future consciously.

I explain. I must now interrupt the flow of the ongoing report, up to this report, that for the purpose of clarifying a scientific principle. After that, I shall return to the point at which I had introduced this interruption. I shall then return to the point at which I had referenced chemistry; the reason for this interruption, and the crucial point of importance for this procedure will be made clear. After I have then completed the inserted feature, I shall resume the present line of the dialogue; the reason for this interruption, where I have introduced, will be made self-evident for qualified scientists dealing in these matters.

The specific irony of a lack of access to fore-knowledge of man's knowledge of the future, scientifically, or

as a similar demonstration which presently lurks in Shakespeare's achievement, in, his clearest presentation of a crucial point which he had developed in one particular drama, **King Henry V**. Although in defining not intrinsically physical, but conditioned. The proof of that point in fact, lies in the scientific ability which corresponds to the scientist's ability, as with such celebrated cases as Nicholas of Cusa, Johannes Kepler, the specific case of Bernhard Riemann's **On the Hypotheses Which Lie at the Foundations of Geometry**, the consequent elements of genius which are already richly expressed at the close of the Nineteenth Century by Max Planck, and Albert Einstein. The contrary qualities are those typified by the case of the deplorable and vicious Bertrand Russell.

The cases of the effects of the death of the composer Johannes Brahms in 1897, and the accompanying wave of novelty among mathematicians which had exploded their presence to the popular scientific attention, that with the obsession polluted with the bold and esoteric arithmetic which had seized the Year 1900. The consequence of that latter turn of A.D. 1901, were the expression of a frenzy of reductionist fantasy respecting even the mere of the name of "science," a deadly moral defect which had ripened, more and more, with the unfolding of the Twentieth Century, and beyond to the present date.

Since the assassination of U.S. President John F. Kennedy, the trend in the economy of the United States, in particular, began to collapse into a virtually unbroke loss of the general mental powers and morality of both the United States and also, coincidentally, the Europe whose collapse has been interwoven with the course taken by the United States, and that for no different reason.

Essentially, physical science, and true Classical culture generally, "naturally," have been both disposed to a commonality of a combined Classical artistic composition and an integral role of a physical science freed from the burdens of a set of simplistic reductionist fantasies respecting science.

All which must now become a fresh approach of all earlier, relatively great science and an excellent quality of Classical art, alike, such achievements are not to be regarded as separate categories for promotion of the healthy present and future development of the human mind. It is the influence of reductionism which is the root of the deadly trends in culture. The fault to be corrected, represents an urgently needed reform of what



U.S. Department of Energy

"Since the assassination of U.S. President John F. Kennedy, the trend in the economy of the United States, in particular, began to collapse into a virtually unbroken loss of general mental powers and morality," writes LaRouche. Here, President Kennedy promoting the science of the future at the Hanford Nuclear Plant in 1963.

has been typical for all cultures comparable to the characteristics of reductionism. The proof lies in that source of failures of mankind, which has been, in effect, the loss of the ability of a practiced science to experience a more natural experience of an encounter with the development of the achievement of those higher principles which define the human future.

It will now be an urgent discussion of the future of human history to correct the error of what is named as "reductionism," which is required here. The proven ability of heretofore shrinking roster some scientists, to predict the existence of the principles of what is named "the principles of the discovery of the actual future," is already a fact. Much more work, is now required to bring mankind generally into the play. The prospects for mankind's relatively immediate future existence, depends upon that outcome.

The fuller evidence to be considered here, is to be temporarily reserved for relevant sequels which go much more deeply than could be adequately addressed in the summary which I will have presently written within the scope of this present modest summary of the matter.

The necessity of that specific discovery, determines the following next steps on that account, which are the subject of the following two chapters presented here now.

When I have completed this necessary interpolation, I shall then resume the presentation which had been the motivating cause for my action in inserting this interpolation at this precise point. To provide an effective insight into my focus on fundamental in physical science which I must explain here, I must now pin-point the breaking-point in history, involving the matter of Nicholas of Cusa, which must be interpolated to make the implications of the China success in its Moon-landing intelligible to those modern scientists who, for the relatively large portion, have either a greatly diminished, or essentially non-existent grasp of the revolution in physics on which the actually underlying origins of modern European science and related matters depend currently. I shall summarize the nature of the change, only after I have set the stage properly for that purpose.

The Secret of the Human Mind

The greatest breakthrough in the emergence of a true modern physical science, came during the closing period of the great Fifteenth-century Renaissance, a Renaissance which is to be formally identified, traditionally, as in the span from the beginning of that century until the great discovery of the American renaissance which came into being then, that done through the European discovery of the modern American discovery accomplished by Christopher Columbus. The prompting of that discovery occurred as the result of the discovery of the Americas.

The initiative for Columbus's discovery was supplied by the circles of one of the greatest of all of the actually modern scientific discoverers, Cardinal Nicholas of Cusa (1401-1464), who had been, otherwise, the leading discoverer of modern European science, and, in that role the first modern discovery of the actually physical principles of modern astronomy, those by, uniquely, Johannes Kepler.

To continue the foregoing sections of this present report in progress here, I must interrupt the heretofore continued flow of this document briefly, with the present aid of a very special, and presently most urgently important interpolation.

On that account, I am, here and now, interpolating an urgently needed interruption of this present chapter

of this document, that done to bring into consideration of a lesson in science taken from the onset of the achievements of, most urgently, those crucial scientific principles of modern science of the collaboration of Filippo Brunelleschi, Nicholas of Cusa, and, then, a bit later, in the next century, Johannes Kepler: a virtual team which created the absolutely certain essential foundations of all valid aspects of the foundations for a competent modern physical science which, once founded, thus, had featured such later geniuses of physical science, and its culture, as Gottfried Leibniz, Carl F. Gauss, Bernhard Riemann, followed by such exemplars as Max Planck and Albert Einstein. Those whom I have just named exemplars, envelop in their principle, essential contributions, what fairly represents the necessary indications of those foundations of all well founded evidence of the superb contributions to the service of all mankind on this account.

Hence, the discussion of the genesis of those new policies for science which are urgently required presently, must, as matter of the need for an understood portrait, which is provided here, despite the largely systemic degeneration of the underlying principles of a modern human science, principles of combined science and society required for the present grave crisis of society, with present urgency.

For the purposes of service to that now stated intention, I shall complete the report here in progress before your eyes, ears, and the true human mind, all done as which is being presented now, by me, as within the provinces of this present report in its totality when, what shall be its completed composition by me presently. It is necessary to emphasize on that account, that my abilities have their mortal limitations, but, despite friction of the passage of my years, this much of what I know with certainty now, is truth; but, like all human endeavors in contemporary experience, any contributions' validity, depends upon the later-to-come, better-informed authorities respecting the prospects for the scientifically definable future, when that future is recognized as the urgent need of mankind for what remain as the principles of what it does not yet know.



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"The greatest breakthrough in the emergence of a true modern physical science, came during the closing period of the great Fifteenth-Century Renaissance," writes LaRouche. The groundwork was laid early in the century by such geniuses as Cardinal Nicholas of Cusa, and Filippo Brunelleschi, whose great Dome dominates the city of Florence.

For this purpose, the work of Brunelleschi, Cusa, and Kepler represent the living principle process of progress of the human mind, that so since the reign of pure evil traceable from what is mistakenly considered to be the mere fiction of both the existence both the evil Zeus and his adversary, Prometheus, and, also, of the actually (when rightly considered), exemplary meaning of the actually continuing, essential immortality of Jesus Christ.

What I bring now to the urgent present issues actually expressed by the aid of those referenced means, is crucial for winning that great, global battle for the prog-

ress of the human mind which those referenced exemplars from, only those most emphatically represented by the cited identities in the sequence of Brunelleschi, Nicholas of Cusa, Johannes Kepler, and their true followers in modern science.

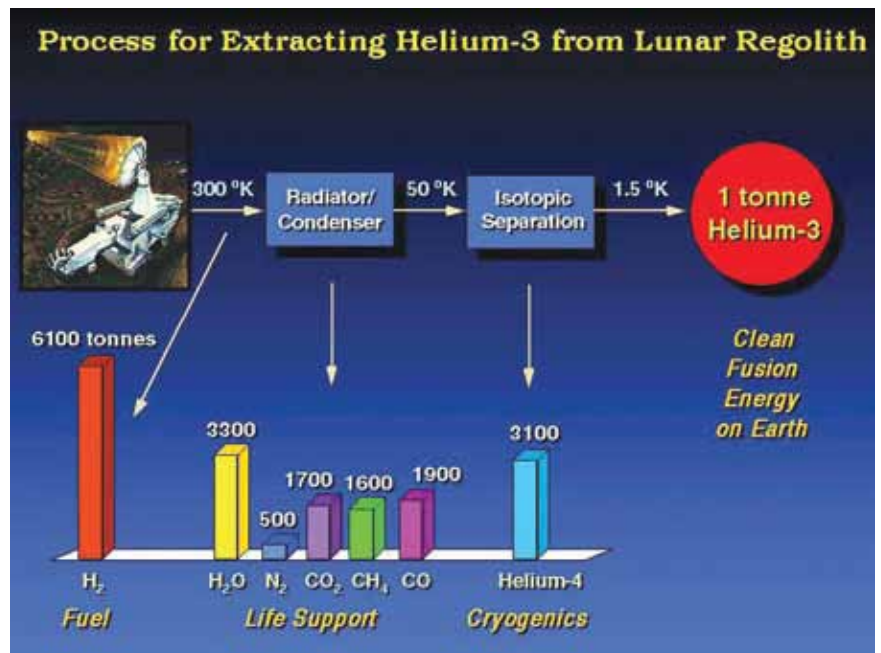
The True Pathway to the Future

(We have now returned to the modern starting-point with Cusa.)

The essential principle in modern physical science, which had been launched as a work of Cardinal Nicholas of Cusa (1401-1464), as I have already stressed this crucial fact here, earlier, has been the starting-point for all competent modern physical science since that century. It is the references which I had made, above, which provide the contemporary framework of true scientific competence since that time in world history this far. Therefore, my own tracing of the effective progress of science since Cusa's entry into his own greatest achievements, on this account.

The decline of Cusa's century, had become the downfall of the most essential of the necessarily underlying implications of what I have referenced here as a competent notion of the progress of what is called modern physical science, since the seminal revolution introduced chiefly by Cusa during the work of his lifetime. Therefore, we must understand that the fallacies which have tended, more and more, to ruin the underlying principles of progress since approximately the time of Brunelleschi, Cusa, and Johannes Kepler, for the span of physical time of a modern scientific, and related progress. By setting a review of an actually competent reconstruction of the principles of those three original figures role in actually creating the actual foundations of modern science, we will, for the time presently, assemble a more responsible form and quality of what an actually modern physical science is to become.

The recent Moon-landing by the team deployed



The willingness of mankind to adopt the prospect of developing helium-3 on the Moon, is the "best possible I.Q. test for human authorities today," concludes LaRouche. Here, a schematic for mining the Moon for helium-3, published in 1996 by Professors G.L. Kulcinski and H.H. Schmitt.

from China, has become a crucial element of opportunity, for unleashing those measures of action on which the actual security of known human life now, urgently, depends, at this present interval of the prospects for all presently future time.

The crucial fact of this matter, is, thus, presently several-fold, and to a very large degree, presently indispensable at this time.

The Implications of the China Moon-Landing

In a recent meeting with some highly relevant collaborators, we spent the closing hours of the day over a mealtime discussion of the historically most relevant challenges which must be now launched, if mankind is to bring present life of mankind on Earth out of the political-economic social policies which have been dragging our planetary mankind into the virtual quicksands of a presently onrushing plunge into the quicksand in which the United States itself, and other regions of our planet have had been caught since (to be precise) the assassination of U.S. President John F. Kennedy.

The accelerating mean decline of the U.S. economy, and other places of our planet, since that time, finds those of us who are altogether intelligent, qualified, and

sufficiently alert, but who are confronted with the recognition that mankind must move the imagination of those relevant inhabitants of our planet, who can be be-stirred into a liberation from those systemically incestuous fantasies of the general human population, which has heretofore found itself caught in the incestuous sorts of virtual sexual fantasies which reflect an adopted outlook of a population of an Earth which is largely composed of persons inhabited by virtually masturbational fantasies rooted in a denial of mankind's natural potential for discovering the discoveries of a principle of future actually scientific abilities which depend upon the developed ability to "actually predict" those future ruling principles needed for the categorical advancement of the prospective future of mankind.

Therefore, we must not rely upon the leading roles of representatives who may have great authority, but are trapped within the prospects and process of intellectual masturbation respecting the prospects for mankind's future.

The Mastery of Our Moon, Instead

It is presently of the relatively greatest urgency, that already right now, that mankind, as now exemplified by

the time deployed to the Moon on behalf of a China team, that the prospect of using the capture of Helium-3 from the Sun, to a transitional stopping-place, presently on, or near, the surface of Earth's "local" Moon, is to be developed as an urgently needed mode of supply of materials of the very real already very high energy-flux density, which has been deposited on the Moon in the course of radiation of Helium-3 from our local Sun.

The introduction of the appropriate utilization of that supply of Helium-3 as a raw stock of raw-material sources would be the foundation of application of Helium-3 to the man-made direction of production of the higher forms of energy-flux density, which will be the only immediate prospect for the development, already now, which must then be the source of mankind's first real entry to serious control of the human species' prospective ability to defend the condition of continued existence for our human species.

The best possible "I.Q." test for human authorities today, is that of their capabilities and willingness to adopt the immediate prospect of what the present flow of Helium-3 on our Moon portends in favor of the necessary means of defense for the prospects of the survival of our present human species.

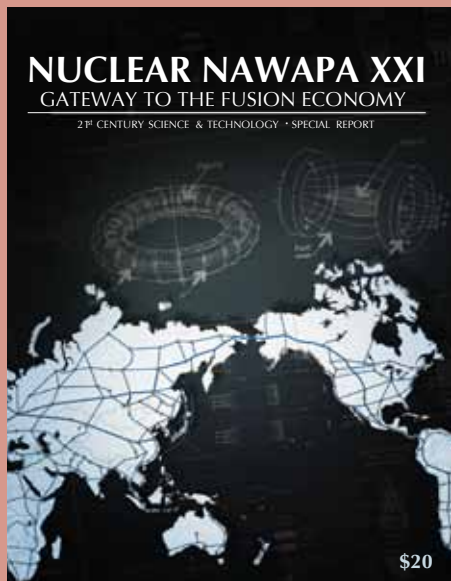
Nuclear NAWAPA XXI | Gateway to the Fusion Economy

A 21st Century Science & Technology Special Report

By the
**LaRouchePAC
Scientific
Research Team**

Available from
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PDF **\$10**
Print report
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From the Introduction:

This planet can no longer tolerate environmentalists. The time has come to make a tremendous step forward in our relationship to nature, by making the development of a fusion-based economy—bringing the power of the stars under our control—our primary long-term physical economic goal.

Articles include:

- A Call for an International Crash Program: Creating the Fusion Economy
- Increasing the Productivity of the North American Water Cycle
- Nuclear NAWAPA XXI and the New Economy
- Nuclear Agro-Industrial Complexes for NAWAPA XXI
- The Pacific Development Corridor: Maglev Through the Bering Strait
- The 'Common Aims of Mankind': A Strategic Defense of Earth

THE LAROUCHEPAC WEEKLY REPORT

A Scientific Pedagogy For the Human Mind

Here is the LaRouchePAC New Paradigm for Mankind Weekly Report of Jan. 8, 2014 (<http://larouchepac.com/>), hosted by Jason Ross of the LPAC Science Research Team, and featuring a dialogue between Lyndon LaRouche and Liona Fan-Chiang, also of the Science Research Team.

Jason Ross: Mr. LaRouche, you just finished yesterday, a paper called “Against Dictatorship!” (see this week’s *Feature*), in which you began by talking about the toleration of practicality, the dictatorship of toleration of practicality, bureaucracy, the toleration of a Zeusian outlook as opposed to that of Prometheus. Later, you spoke in your paper about the evidence for the reality of Zeus and Prometheus, not being a mythological story, not just a fairy tale, like a monster underneath your bed or something, but an actual true piece of history, and you point to the evidence that we see in physical economy to demonstrate that. That, we as human beings, through our use of physical economy, physical chemistry, unlike animals, we’re able to react to a future. We can react to the future that doesn’t yet exist, that we foresee, that we intend, and we’re able to respond to that. Many people today don’t do that, but that is the human characteristic, to respond to the future, not the past.

Now if you look at physical chemistry over time, and you cited the *Handbook of Chemistry in Physics*. It’s taken on an increasingly inous form over the years, and it’s got its problems, but a very interesting thing to

look at in it, is how the book has changed, what new chapters, what new considerations are in it, what new measurements are made, what new characteristics of materials are even known by us, to even think about measuring and putting in a handbook.

You know, we reshape our physical world. The earliest example of this, really, is the use of fire, and the first truly major, huge step forward was the advent of metallurgy. Metals were found in nature; you can find—today it’s very rare—but in ancient times, you could find copper, like you might find any other rock today; gold existed in its native state; even iron was found in meteorites that had made their way to Earth. So metals were not unknown, but the amazing step of taking an ore, like malachite, it’s a green stone; Egyptians used it for eyeshadow. But you can transform malachite, not just into a cosmetic, you can turn it into copper, which almost seems magical, to think about turning a rock into a metal.

This increasing mastery brought us to a stage where, to a larger and larger degree, the world that we interact with, the *man-made* world that we interact with, increasingly is made up of substances that never existed before our time, mirroring the development in the biosphere of higher forms of life that bring more and more elements of the Periodic Table into biological roles; that bring new types of physical existences even into their bones: the formation of bones in skeletons, for example.

But all of this represents a fight between the nonfic-



“Science really is a study of the human mind,” and not a matter of “learning” and regurgitating facts from textbooks, declared Liona Fan-Chiang. “This is one of the best kinds of pedagogy that I’ve ever heard in any classroom!” Lyndon LaRouche exclaimed in response to her presentation.

tional Zeus, the gods of Olympus, and the Promethean power of mankind, the great joy in creation that is *snuffed out* and unexperienced, by Zeus, by the oligarchy.

Last week, I read a part of Aeschylus’ play *Prometheus Bound*, and also Goethe, who wrote a poem *Prometheus*, which is so much better in German, that I don’t really want to read much of it in English, except to recommend that you read it in German along with English; but he says, “I know nothing poorer / Under the Sun than you gods.” That what he’s able to do, what his powerful “glowing heart” is able to do, what his mind is able to accomplish, that is something to have pride in, not the static world of the gods of Olympus, who keep things the same and demand obedience. He says at the end—I will read the last stanza—Prometheus says:

Here I sit, and form mortals
In my own image,
A race like myself,
To suffer, to weep,
To joy and to be glad,
And to respect you not
As I.

This contempt, this disdain, this defiance, this slight regard that Prometheus shows for Zeus, is a sign of a very healthy mental state. This is what the practice of psychology, and the practice of society need to aim for in human beings: The right mental state is a contempt for Zeus, a scorn for the oligarchy, and a growing awareness of the powers of one’s own mind, to reshape the world, to improve it, and to improve our power in it, and to discover more about it.

So today, Liona has a presentation on this subject. Let me just say one more thing, first. Which is that, towards the conclusion of your paper, Lyn, you write about the exciting prospects of lunar helium-3. If you look at the stages of development of mankind, this is where we now have to go. The Sun has provided the

Earth with power and light and the ability for photosynthesis for billions of years, in addition to forming the Earth. But now, a much higher form of solar power, rather than capturing the paltry light coming from the Sun, is to capture the helium-3 fuel from the Sun, as deposited on the Moon, for example, and then make our own Suns: Use that power from the Sun, use the fuel from the Sun directly, in the form of thermonuclear fusion.

So, Liona, what do you have for us?

The Periodic Table

Liona Fan-Chiang: If we had an educational system which taught our students, our children to be Prometheans, I think the “-ologies” would actually disappear. Because the study of the human mind, which is now allocated to these psychologies, sociologies, and so on, would largely be already encapsulated in your study of science.

And what I’d like to do, is to take up the way that our education system works, first from the standpoint of the development of the “the nuclear age,” and where I want to start is here (**Figure 1**). Some people might recognize it; most people probably will not, because

FIGURE 1

Mendeleev's Periodic Table

Reihen	Gruppe I. — R ⁰	Gruppe II. — R ⁰	Gruppe III. — R ⁰ ³	Gruppe IV. RH ⁴ R ⁰ ⁴	Gruppe V. RH ⁵ R ⁰ ⁵	Gruppe VI. RH ⁶ R ⁰ ⁶	Gruppe VII. RH R ⁰ ⁷	Gruppe VIII. — R ⁰ ⁴
1	H=1							
2	Li=7	Be=9,4	B=11	C=12	N=14	O=16	F=19	
3	Na=23	Mg=24	Al=27,8	Si=28	P=31	S=32	Cl=35,5	
4	K=39	Ca=40	—=44	Ti=48	V=51	Cr=52	Mn=55	Fe=56, Co=59, Ni=59, Cu=63.
5	(Cu=63)	Zn=65	—=68	—=72	As=75	Se=78	Br=80	
6	Rb=85	Sr=87	?Yt=88	Zr=90	Nb=94	Mo=96	—=100	Ru=104, Rh=104, Pd=106, Ag=108.
7	(Ag=108)	Cd=112	In=113	Sn=118	Sb=122	Te=125	J=127	
8	Cs=133	Ba=137	?Di=138	?Ce=140	—	—	—	—
9	(—)	—	—	—	—	—	—	—
10	—	—	?Er=178	?La=180	Ta=182	W=184	—	Os=195, Ir=197, Pt=198, Au=199.
11	(Au=199)	Hg=200	Tl=204	Pb=207	Bi=208	—	—	—
12	—	—	—	Th=231	—	U=240	—	—

Wikimedia Commons

Mendeleev Museum-Archive,
St. Petersburg State University

Dmitri Mendeleev, the founder of nuclear physics (portrait by Ivan N. Kramskoy, 1878).

you don't see it very often: This is actually the first Periodic Table. This is the Periodic Table that was drafted by Dmitri Mendeleev [1834-1907], and it was a very amazing thing, because prior to this, you didn't have a lot of people who were studying the different characteristics of elements. The important thing about this Periodic Table is that, it's not describing what things look like, but rather, the relationship of everything to each other, *and* the relationship based on action.

And so these are, from several experiments, the active power of each element. And therefore, he had a certain insight into something that was *beyond*, something that was more universal to matter, and therefore he could place them in an order. Now, the important thing also, is that you see that there are these blank places, so, next to calcium, there's a little line, a blank. There's a number there, but there's no letter. And there are several places along here—you'll see in this last column—there are four dashes and so on, and what these represent are elements which had not been discovered, but technically have, by him. They've never been seen, they've never been sensed in any way, and yet, they are known in principle to Mendeleev.

Now, this is the Periodic Table as it is known today (Figure 2). And it's much more filled out: There are elements that weren't on his table, most of which are beyond uranium; they're transuranic. The transuranic ones beyond 92, a large number of them—and for

people who are young today, you may have heard, just two years ago, for example, we had two elements being discovered. So you have elements being discovered all the time, and they're generally part of the same age. In other words, they're produced in a similar way; they're really all products of the nuclear age.

But even before then, most people don't know that there were at least four elements which were suburanic; they were pre-uranium, they were in Mendeleev's Table, but were not discovered until the 1930s and '40s! The first one of that bunch was technetium. Technetium actually means "artificial," because this is something, again, that was not found in so-called nature. But because of our increased understanding of the atom, of the nucleus, and of its power—and the important thing was, the ability to transform.

And then, once we understood that atoms were able to be transformed, and were able to transform themselves, for example, in decay and other things, we were able to use that transformative process to actively transform materials, and use that for our own purpose. And so, for example, technetium is used for medical purposes: tens of millions of medical procedures, annually, that we use this material for.

So this is a material that we produced. Now it's not unnatural—the potential for it was not artificial in that sense—but this element would not exist in any substantial amount, and definitely not enough for our use, without human beings creating this; without human beings going through that process of first understanding a nat-

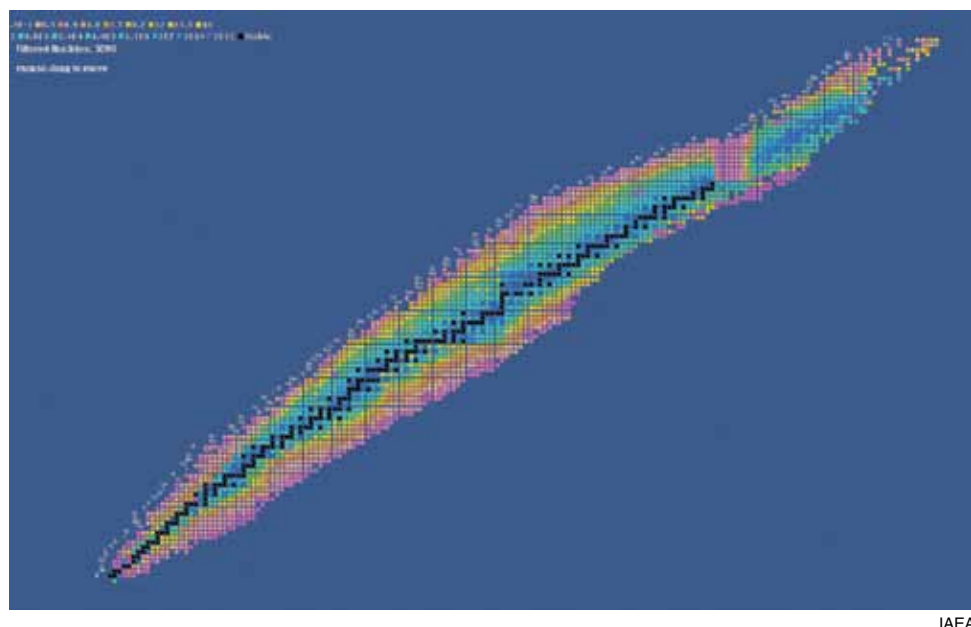
1	1 H																	2 He						
2	3 Li	4 Be																	5 B	6 C	7 N	8 O	9 F	10 Ne
3	11 Na	12 Mg																	13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
4	19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr						
5	37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe						
6	55 Cs	56 Ba		72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn						
7	87 Fr	88 Ra		104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Uut	114 Fl	115 Uup	116 Lv	117 Uus	118 Uuo						
Lanthanides	57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu									
Actinides	89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr									

And one more I want to point out, is promethium, aptly named, one of these four [suburanic elements], promethium-61 named after Prometheus. And people knew this was a new age.

And I want to show on more thing, which is this (**Figure 3**): Only if you've ever seen it before, would you know what this is! Let me step back one step, which is that, the nuclear age had a couple of parallel moves. One was the development of, the understanding of radioactivity and the understanding that that was a change in what we were considering as immutable elements; two was Einstein's $E=mc^2$, really, the underlying nature of what we considered matter was. And three, was our continual increase of understanding of the cosmos, and so, our understanding of the so-called filled space.

It reminds me of the harmonic scale, for example. In harmonic progression, the fifth, for example would be closer in kinship than the second to the tonic.

FIGURE 3
Table of Nuclides



But they started to get a sense of this process of transformation, and then, during this welding then, for example, to create, to use, fission and fusion, as for, example, our discussion of using helium-3 as a fusion fuel.

Now, on this table (Figure 3), it's very hard to see, but the black ones are stable elements, so many of them we previously had discovered.

Ross: What does the position mean? Up, down, left, right? What does it represent?

Fan-Chiang: To the right . . .

Lyndon LaRouche: Is it time?

Fan-Chiang: No, to the right are actually neutrons, increase in neutrons, and up is the increase in protons. In very, very small letters in here, you'll see that the elements are listed along one edge, and then everything along one row is all of that element.

LaRouche: Ah! Very clear, very clear.

Fan-Chiang: But now, the black ones are stable, which means that everything else is not. Everything else, is constantly in transformation. Now, the black ones also are in transformation, but at a very, very, slow, slow rate.

Another thing to point out is that the upper portion, which are elements, mostly transuranic, post-uranium, are completely unstable. Also, technetium was the first element that we made which had no stable isotopes.

And this is important, because it may have existed in some larger amount, at some point, but because it transforms itself so quickly, it no longer exists. I think the longest half-life it has is a few million years. Now a few million years sounds like a long time, but not in history. . .

Ross: Not in the history of the Earth, at least!

Fan-Chiang: Not in the history of the Earth, right: The dinosaurs were 65 million years ago! So, even between the dinosaurs and now, that would have disappeared. So these are things that were created by us, by human beings, as nature cre-

ates them. Also created for the purpose of advancing mankind, and thus advancing the capability to make those advances.

And so, this is actually a very exciting, and I think necessary, arc, for all students to understand, not just nuclear scientists, or chemists, so-called, which is actually a very small percentage of the entire population.

Science Pedagogy

Now, I didn't bring these two books, but I was reading a few books to get a sense of some of this history, and realized that there are two very disparate ways of communicating this history. One of them, a book from 1958, is a very insightful book, but of course, it goes back to 1958, so, there's half a century of development that I had to catch up on. So then I picked up a book from 2003.

Now the first book starts off with the history of X-rays, it starts off with [Ernest] Rutherford [nuclear physicist, 1871-1947]; it starts off with this paradox that had come about in the beginning of the 20th Century: that there seemed to be a violation of the law of "conservation of energy" for example, or "conservation of matter," and so on. And it began with all these paradoxes which then launched several generations into investigating a completely new world, basically, to us, a completely new world.

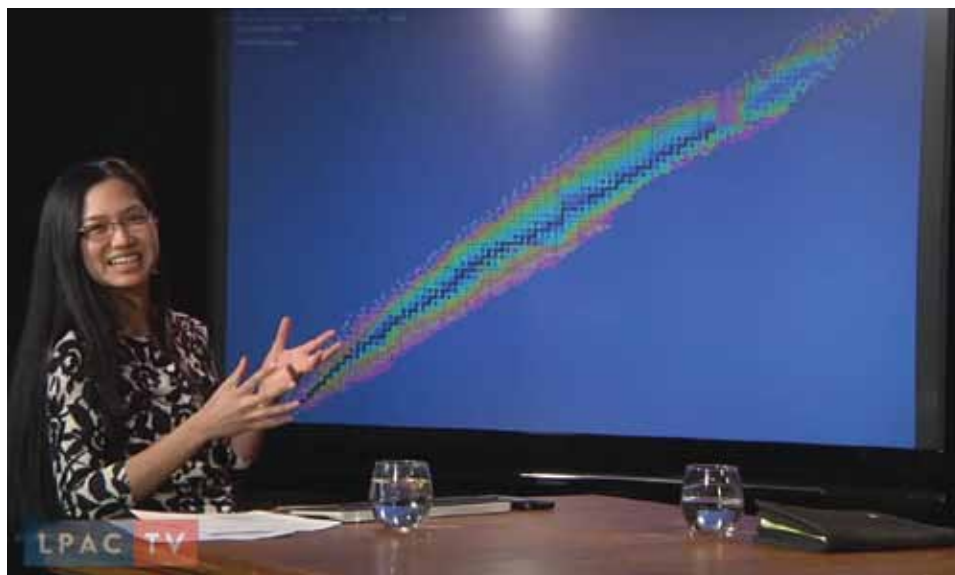
And the second book that I picked up, started with “there are 92 elements before uranium”; each of them has valence electrons, and so on. And it actually says in the preface, that there are things in here which we can only explain by mathematics. And because we’re not going to go through all the mathematics, there are certain things which I will point out which you will just have to swallow—very explicitly!

LaRouche: Sounds like MIT.

Fan-Chiang: Well, unfortunately, it’s much further than just MIT. And there are two things I want to point out: Ask yourself two questions when you’re reading a book. Both of these books assume that the reader is a beginner, a novice, so these are both books that are trying to take you through a subject you’ve never really approached. For example, the 2003 one says, an atom has electrons and protons, and so on; they both start assuming you know nothing.

But the first question to ask is, what do these two authors think about your mind? In other words, who do they think they’re talking to? They both think that you don’t know anything about the subject, but otherwise, who do they think they’re talking to? And the first one, the earlier one has assumed about your mind, that your mind is able to go through a discovery. And the second one assumes that you can’t. The second one assumes, not only that you can’t go through a discovery, but it does not need to consider the human mind as a subject of its investigation. Because, as you see, a series of definitions like that, leaves out the substance of science.

Because remember: Science really is a study of the human mind. A lot of people say that science is the study of nature, but, one, they leave out human beings as part of nature; and two, the principles that we discover—a lot of them existed prior to human beings discovering them! So to say that science then, is that, means that it’s never new.



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When studying science, Fan-Chiang said, “you get all sorts of explanations of why you don’t need to read the original works, you don’t need to study history, we don’t have enough time—I’ve heard all these arguments. . . . Why would you want to learn all these mistakes of other people?”, they say.

But science really is our ability to both discover these principles, and then use them for our means; to then discover more principles, and to increase the power of not just human beings, but of those principles of the universe. So that’s one aspect of it, leaving the human mind out.

Now, the second question to ask yourself, when picking up any of these textbooks, or novice books, is to ask, what is the effect on the human mind of shaping your textbooks in this way?

LaRouche: Aha, beautiful!

Fan-Chiang: What kind of population do you create when you do this?

Now, one, is this newer, more modern, so-called, way of writing a textbook, really creates somebody who is just learning something to be sort of “covering the subject,” covering all the bases. But is that really what type of person we want to turn out into society? Or, do you want to turn out someone into society who is intimately integrated into mankind as a whole, into that productive process, into that entire process of history, which includes past, present, and future, just as Mendeleyev had history in his periodic tables?

LaRouche: Mm-hmm! Excellent! Excellent!

Fan-Chiang: And so, there’s much more to say, but really, this is what it comes down to: It’s not really just a form of style. And you know, there are all sorts

of explanations of why you don't need to read the original works, you don't need to study history in these things, we don't have enough time—I've heard all these arguments. I mean, I went to college and got all these different arguments of why that wouldn't be necessary—why would you want to learn all these mistakes of other people! Right? "These things are wrong now; we have these other things which are updated."

But really what are you instilling into the student? It's a stagnation versus an incredible creation process, which you're putting this new human being into.

So I'll stop there.

LaRouche: You realize what you've done, in this presentation: You've presented, in particular to me, things that I knew, but you presented them in a way which shows a process of development, and shows them in the proper terms, and overcomes the exact accumulation of errors which were implicit in the list of things, the sequence of things that you bring in chronically, into consideration. This is one of the best kinds of pedagogy that I've ever heard in any classroom!

Fan-Chiang: Well, they should be brought into the classroom!

LaRouche: Well, that's exactly what my thought is: It's not to bring it into the classroom alone, but to bring the classroom into the process of realizing *that mission*. And what you've laid out, you've laid out a scheme, which gives the student in any university, who's had some qualification, really, in this area, and they get their minds ordered in a way which makes sense to reality, insofar as we know it.

But we know therefore, that that's not the end of it. That's the point. The point is the first point, *A*, this is what we can know, and do know, presently. *B*, what we have yet to know. And what the implications are.

The Sun Is Dying

And I would put in, one thing you didn't mention, the decay of the Sun, which is what I'm really hot on right now! Because we need more heat! The point is, people are so impressed by the energy-flux density of the Solar System in the past time, as compared with the present time.

But what we know from the physicists who had the information and published it, and say it in all kinds of classrooms, not all classrooms, but some classrooms, they say it: "The Sun is decaying!" The process of decay is expressed in terms of the radiation process.

But the Moon was not always as it is today, for example, because the Sun has been deteriorating in its intensity and its capability of energy-flux density.

Therefore, you have parts of the Solar System which were much more vital in the time of their creation, as [Carl Friedrich] Gauss [1777-1855] laid out a whole scheme on this thing, on the planetary scheme; the evolution of the planets, the evolution of the Earth system, it was all done by Gauss already! It was the basis of all his work, which I read years ago, saturated with this whole thing, fascinated by it!

And you put this together, the fact that the Sun is dying, from a clinical standpoint; it's dying as a captive of the galaxy. And the Sun is moving through the galaxy. Now, we wonder what's going to happen, because as the Sun moves through different positions in the galaxy, the Sun is undergoing completely different conditions.

Fan-Chiang: Mm-hmm, yeah.

LaRouche: And therefore, this is the factor we have to take into account: Is the Sun—the Solar System—is the Solar System inherently decaying? Or, is this an episodic aspect of the process? The evidence we have so far, which is not final by any means, is, how much of the problem we're concerned with, is the movement of the Solar System's position within the galaxy? Because the shift within the galaxy—the Solar System's position in the galaxy is a factor we have to take into account before we open our mouths on making final conclusions on what the Solar System is going to become.

Now, this creates a very interesting further implication, which is not generally discussed, but it's there: If we allow the fact that the Solar System as such, is moving through the galaxy, into different positions—already we know that the change in position of the Solar System results in a very significant change in characteristic of the Solar System.

Fan-Chiang: Right.

LaRouche: So therefore, we don't know enough about the galaxy; we know certain things about the galaxy, we know some remarkable changes that have occurred in our lifetime—the Chinese record of the great changes that occurred in the galactic position. And that occurred in a well-known, geographical/chronical time. So therefore, we have to take that into consideration before opening our mouths with any sense of finality, on what the future history of the Sun will be, or the Solar System in particular.

So therefore, we as human beings, as the victims of



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"The Sun is dying," LaRouche pointed out, and in about 2 billion years, the Sun will explode and destroy itself, along with the Solar System. "Now, 2 billion years may seem awesome to some people, but it's not to me; it's not to anybody who thinks."

living, isolated on our planet, and doing most of our research either directly on the planet, or from around the planet, and the effects around that planet we inhabit—that's our knowledge. So we have already, to begin with, before we start investigating the future, the first thing we have to take into account, is we have to take factors like these two: one, the effects of the transmission of the movement of the Solar System within the galaxy. That's the primary context for Earth, for the Solar System, and for Earth as a consequence. All against this background that we have experienced, historically, since Gauss came along with his idea of the discovery of the Solar System, and you look at that process and extend that, and here, you're trying to put the thing together.

We know that in the recent period, there has been a decay in the effectiveness of the Solar System. We also know the conclusion has been reached by people who worked on this thing, in studying this problem, of saying the Sun is disintegrating, the Sun is dying, in the sense that, it is projected now, that within 2 billion years, the Sun will have gone through a process of coming to a sort of quiet death, a virtual death, and then, after that, suddenly, the Sun will explode, and destroy itself. That's the doctrine which is given on this history of the Sun, the future history of the Sun.

All these considerations duly taken into account before we open our mouths, these things we know are

things we don't have answers for; therefore, we have to keep our mouths shut on those questions, and realize, we don't know! And that's not bad, because that's what people are supposed to do, is find out what they don't know.

What we're looking at then, is not what we don't know. We're looking at what the effect is of what we don't know. And therefore, the question is: Is the Solar System going to disintegrate, and pass away, and will the passing away of the Solar System do some disastrous thing, in terms of changes which are

going on in the galaxy? Because these changes are occurring in the galaxy which we already know. In the recent period we had whole studies on this subject.

So therefore, we have to say, well, we're starting from a very simple thing; but if we put all our ignorances as a context, then we can say: The net evidence is, that the Sun is in a process of decay, that people who are specialists in this area, have estimated that the Sun will die over a period of 2 billion years.

Now, 2 billion years may seem awesome to some people, but it's not to me; it's not to anybody who thinks. When we take the factors which may influence, and do influence in other respects, the ration of the Solar System to the galaxy, our ignorance of the galaxy's characteristics is *startling*! And we have a *big story* about what happened suddenly in the galaxy, the great phenomenon, which from the discovery, the first observation by China, of this phenomenon, that we know there are big things going on in the galaxy, as such. We don't have a fixed galactic system, we have an evolving galactic system, which is going through a real birth problem right now: It's giving birth to some monsters up there, which we don't really understand too well.

So therefore, what's the problem? Therefore, that means that we, on Earth, have to increase the net energy-flux density in areas of the Solar System to which we have access. That means we will go to the Moon,

because the Moon's degeneration from its earlier state has created a situation where the Moon still is out there, functioning as the Moon, but it is no longer active, in the sense it could have been earlier, when it contained life.

The same thing comes up on Mars, the speculation, the traces of evidence of the decay of an actual process of living creatures; we don't know if there's a living process really actually going on on Mars. If that were to occur, that would be very, very interesting. We do know that it's decaying. The evidence that we've explored is, Mars is decaying.

Fan-Chiang: Right, it used to be more active...

LaRouche: Yes.

Now, we have the inner Solar System, which is inside the Mars orbit, in respect to Earth, which defines an area of the Solar System, where we have potentially the ability of experimental work, discovery and development.

So therefore, what are we going to do? If we take the helium-3, which is still being received on the Moon, from the Sun, because the magnetic field prevents living processes on Earth from getting much of this helium-3 in that form, in that manner; if we develop the Moon, which is otherwise sort of a dead object out there, as far as life is concerned, if we use that thing properly; then, if we take the helium-3 which is in the Sun, which is probably in a long process of dying, because life and death in the universe is much different from life and death of human beings on Earth.

So if we look, we have these two reference points: the life of the Solar System, on the one hand—is that decaying over a period of time? In other words, the estimate is 2 billion years, before the explosion which terminates the whole Solar System.

Then, since we can not move much helium-3 produced by the Sun into the planet Earth area, therefore we have to make our thermonuclear fusion program based on the more limited resources available on Earth itself.

China's Discovery

So now we have, as China has discovered, this implication. I mean, we have people, scientists and astronauts, who actually have considered this problem, but they haven't been able to get to the conclusion they want to reach, though they desire to. They *do* know; this one guy, particularly, [Apollo 11] astronaut [Harrison Schmitt]: thermonuclear fusion. Thermonuclear fusion

is the quality which the Sun deposits on the Moon itself, gives us a raw material which, if we can use it, and apply it from on the Moon, means that we can put an entirely new industry for Earth!

Fan-Chiang: And for the rest of the inner-Mars system...

LaRouche: Exactly! That's my concept.

Therefore, our mission is, we follow up on the China project—the project defines a capability, an equipment capability, which is far greater than what was done, which means this is not a one-time job! And the China team is concerned with the thermonuclear fusion question.

Fan-Chiang: Well, it seems like they're concerned with the development of the Solar System, and then fusion is necessary for that.

LaRouche: Well, look at it from the practical standpoint from back here on Earth: What about the condition of man on Earth, in respect to this development? If we have an abundance, relative to our needs, for thermonuclear fusion in China, and available to us from a China-based operation, we have *changed* the destiny of mankind!

Now, we have to go one more step beyond that: That is, we can not just have thermonuclear fusion, in the helium-3 form. We have to use the helium-3 form as a raw material, to go to a much higher order of energy-flux density.

Fan-Chiang: Right, as with every raw material.

LaRouche: And *that's* my package! That's my commitment! I've just described what I see as the mission before us: That mankind is not going to remain an Earthling. Once we do that on the Moon, mankind is no longer an Earthling; we're not going to go out with Mars suits, with crazy guys—Buck Rogers guys!—we're not going to go to other planets in that way. Mankind can not do that; we don't have the conditions to do that, at least not for developing a whole planet.

However, if we on Earth use our Moon as a raw materials supply of helium-3 being given to us on a regular schedule by the Sun, then we can take the helium-3 which is on the Moon—available to us via the Moon, as a raw materials representative—if we do that, *then*, we use the helium-3 as a driver, for a higher order, by treating it as a raw material.

Now, what you did today, here, on the policy question, what you put in there, the way you laid this out *fits perfectly!* with that mission. And put in, as it happened to me, this idea of the helium-3 actually being a reliable



NASA

Apollo 17 astronaut Harrison Schmitt, shown here on the Moon (Dec. 12, 1972), is calling for a renewed U.S. lunar mission, to accomplish, among other things, mining of helium-3 for production of thermonuclear fusion power.

supply from the Sun, deposited on the Moon, and you put a scientific team which is not simply observing, but it's *intervening* to transform the Moon into a factory—not into a place where you collect things, but a *factory* where you manufacture substances of a higher order than the raw material you're using, which is helium-3, to go to much *higher* forms of fusion!

Fan-Chiang: Right.

LaRouche: Now, when you say you can do that, go to higher forms of fusion, you now open gates for man's movement *out* of the bounds of Earth. No longer are we distant travelers to Mars: Now, we are people who are spreading *our influence inside the Solar System, to include Mars!*

Fan-Chiang: Well, once you've created the properties of the Sun and can wield it, then you become...

LaRouche: Exactly! That's my point!

Fan-Chiang: You've created your own Solar System.

LaRouche: Yes, exactly! You're actually transforming the Solar System, by introducing an element of viability which otherwise the Solar System seems to be losing.

Now, with this come all kinds of uncertain questions. But the core issue, the core, principal issue is clear. And therefore, we have to work from the assumption that that is the case: Now that this development on the Moon has been confirmed in that degree, as China's landing proves, that means that *we've changed the destiny of mankind*: Mankind's destiny is no longer limited to Earth; mankind's personal existence, as human beings, is still limited to Earth, but our ability to *change the Solar System*—.

In this area of the Earth-Mars relationship, you have all these asteroids. Now, this means that we're going to have the power to control these asteroids! Or at least the perfected power to control these asteroids; instead of having to fight them off, we will redirect them. And we can't do that, effectively, without a Mars project based on helium-3 as a raw material basis for the operations in space.

But the damned thing about it: Here we are, suffering on Earth with terrible deteriorating conditions throughout most of Earth—the whole trans-Atlantic region is a disaster area! It's about to collapse; the Sun's going to collapse, later, in 2 billion years. The Earth is already going to collapse, the way our present trans-Atlantic system is going!

Fan-Chiang: ... before 2 billion years, yes!

'Storm Over Asia'

LaRouche: We're still getting progress in Eurasia, apart from the enemies which started the terrorism, which are the ones I wrote about for the television story in 1999.

Fan-Chiang: [“Storm Over Asia.”](#)

LaRouche: That was the beginning of the whole terror system, in 1999! And 1999 was an awesome, symbolic date, which some dumb ass, did, in that particular, that *exact* location, ran a terrorist operation.

And that terrorist operation, after the breakup of the Soviet Union, this element of the former Soviet Union got turned loose, in that particular part of the Caucasus area. That area had a concentration of terrorism.

Now, in 1999, I produced a film, in which I laid out what the implication was of this operation, there. And that was the beginning of the whole wave of terrorism of this kind of terrorism we're seeing now; it was started, generated then, there, and all of the terrorism in the Middle East and so forth, and other areas, we're dealing with today, was an outgrowth, a deliberate outgrowth, a systemic outgrowth, of the policy which I identified as an active terrorist movement, in 1999.

So therefore, that's our problem. The Green policy is also a crucial part of that. The Green policy being introduced as a growth factor, that was a starting point.

Fan-Chiang: Right, it was definitely coincident—it coincided.

LaRouche: Yes. And the Green policy, which led into the developments of the terrorist policy which we picked up, I picked up on in detail, with all the essential facts, in 1999, in that video program I produced. So this is where we are.

So, therefore, we have to recognize who the enemy is, and what the effect of the enemy is, on the various parts of Earth today. It's spread all over the planet. And the Queen's policy, of reducing the human population of the planet, is the convenient instrument for bringing back the old Zeus destructive thing, like what happened to the Roman Empire.

Fan-Chiang: They seem to be the same, to me.

LaRouche: This is the enemy of mankind. And the people who are doing this, against mankind, like the Queen of England in particular, who's prescribed that the population of the planet must be reduced from what has been reached, the level of approximately 7 billion people, it must be reduced to less than 1! So there's your driver! There's the political instrument, the political force which is responsible for the threats to mankind directly; as distinct from the decay factor, which is built in to the solar relationship.

So therefore, we have two things to consider: We have to get rid of the terrorists, get rid of everything that Saudi Arabia represents. Saudi Arabia's terrorism is a product of that thing that I identified in 1999!

Now, think about what they're saying about the problems of warfare and the problems of terrorism, in

all the press and so forth, and the governments today: Are they saying that? *No!* Maybe in Russia, and a few other places, they know it. But in general, in the United States, the governments of the United States *have never* admitted this problem! They haven't even admitted the 1999 facts, which I presented, in my production of this film.

Now, I think that putting what you defined here, outlined, and putting it in that context of the Moon landing, the implications of China's Moon landing, this time, opens up a conception of the future, of the possible future of mankind, which is one of the most optimistic, *truly* optimistic ideas available, for making policy for life on the planet Earth, from here on.

Fan-Chiang: I think also that we have to create an optimistic view of mankind, we have to make that optimistic view of mankind as widespread as possible, because otherwise, people don't have a sense that they need to defend this mankind! That's a part of education today, that's very big!

LaRouche: Well, take the case of China: China's breakthrough, that special team in China which did this project on the Moon landing, crafted the whole project, and what they're doing on the thermonuclear problem, of helium-3, has opened up the gates *as an actuality*, rather than a speculation. And that removal of the speculative factor, opens up the eyes of people *to see what we really have to do as human destiny*.

Fan-Chiang: Right. Yes, and that makes it a global issue, that's right.

LaRouche: And that takes people out of the deadness: "We're all going to die and rot!" We get rid of that damned thing which is poisoning the people, discouraging, demoralizing the people of the United States and elsewhere today! So it's not just a scientific experiment, it's really a grand-scale project.

Fan-Chiang: It's strategic.

LaRouche: That's right! It's a strategic, but it's a *globally* strategic program, which includes the Solar System, and immediately the area of Earth and Mars. Because the Earth and Mars are within the reach of the kind of capability which is opened up, down the line, in the future—in the reachable, and calculable future. In the calculated terms of the future, we can *get this thing done!* Get that going, as a functioning change in the condition of the Solar System, particularly in the area relevant to us and Mars. We can do that! We can do that in a few generations, within this same century

we can finish that. And we can make a lot of progress along the way.

If we open up the scale of thermonuclear fusion which is enabled by the means of what we can do on the Moon, we can turn a product out which will revolutionize the conditions life on Earth!

Fan-Chiang: And elsewhere.

LaRouche: To me, that's what the implication is of what you added into the context of what we've been discussing already. I think this is a very important thing to get out to people, relevant people, who will understand what this is. And I'm sure that people in China, who are in the project will give feedback into China and other circles; and I'm sure that Russia is fully aware of this; I'm sure that India will be very much aware of this. And those three large nations of Eurasia, if they are engaged in this thing—then the opportunities of mankind are such that the only obstacles are political situations among nations today.

The Background to the SDI

Fan-Chiang: That's a very common one.

I wanted to pose something a little bit, maybe, tangential, which you made me think of, which is, when you're discussing this idea of the Sun disintegrating, I thought of Bostick's work. Because Winston Bostick took up this concept of a self-developing system, specifically in the field of plasmas. And I'm thinking about the Sun going through this, seeming to be a disintegrative process, but possibly participating in a larger singularity process, a self-developing process.

LaRouche: In the Fusion Energy Foundation we had a quarrel, in which Bostick was on the wrong side. He a very good experimental physicist. He was excellent; his skills were tremendous. But his basic education at Tufts University had poisoned his world outlook, in a degree that he had never cured it. We had a big fight with him, in a meeting of the Fusion Energy Foundation...

Fan-Chiang: On Kepler, no?

LaRouche: Well, on Kepler, and so forth. And the fact that his opposition to Kepler, and his crazy theories he came up with to try to explain away Kepler, just crippled him. He still was a brilliant experimenter, but in the context which he had competence, and his areas of

competence were large, highly varied, also. But he had this reductionist problem, underlying reductionism, and he was trying to go from reductionism to find creativity as applicable to reductionism.

Fan-Chiang: Well, actually, that's why I brought it up. Because that was sort of a simple concept of self-development. But then, we bring in now this idea of using fusion, producing, really, temperatures above those

found on the Sun, as far as we know it, and basically, carrying out the process which we call "solar." Now, we're adding in this concept of human beings creating those, or at least participating in that creation of singularities.

LaRouche: The whole thing, the whole achievement, in terms of scientific achievement, was one thing with [Dr. Robert] Moon, and so forth. Moon was the leader of a group of professors, who were all in the Fusion Energy Foundation, or closely associated to it. We were going to create a new university, in the area of Virginia. We had the plans, it was ready to go. It was on the basis of this project, in which this fight with Bostick on that issue occurred.

The point is: Get rid of this damned reductionist conception! This crazy nonsense that he got at Tufts University.

When we fought that out, and we reorganized the thinking on the issues considered in the Fusion Energy Foundation, we became at that point a very potent influence. And it was out of that, and my use of that, my response to that, that we had the whole project, which was the Strategic Defense policy. And it was a top physicist



U. of Wisconsin

China's breakthrough in landing its Chang'e-3 rover on the Moon "opens up the eyes of people to see what we really have to do as human destiny," LaRouche said. Shown: An artist's impression of a helium-3 mining machine.

[Dr. Edward Teller], working out of the northern California institution [Hoover Institution], who was the key man who I found myself working with in planning the SDI, the Strategic Defense Initiative.

And what we had, is all the reactionary swine and fools and idiots and opportunists, in 1982-83, when we were ready, and we had the forces lined up internationally, including the Soviet forces, who were all committed to my leadership, which had a very broad international base of top people of military and similar people. We were ready to go with the launching of this kind of process.

And what happened, there was a change in the Soviet system, where the new Soviet entry in that period had a completely contrary commitment: He [Yuri Andropov] was totally a British agent. And this British agent, who was the big boss of the Soviet Union at that time, and the guy who helped to destroy the Soviet Union. Because people in the Soviet system recognized that the Soviet system was not working. And they realized—I had a general, who was working as a diplomat in the United Nations, and he approached me, or made an intercession to me, discussed with me, the ideas that I was presenting as the option. We had a large, leading team of Soviet officials, who were the people that I was meeting with. I just approached this guy, who was acting as a diplomat in a routine relationship to the United States, near Washington.

So we had a meeting there, and there were a bunch of Soviet leaders, economic leaders, and they attended a meeting, which I had organized. And these Soviet figures wanted to talk with me after the meeting had occurred. So there was a selection, and I had the choice of picking the selection, so I picked a Soviet official, who was a diplomat in service to the United States. And he negotiated with me, and with the [Reagan] administration at that time, negotiated an agreement, which was going to put all these forces, from France, from Germany, from Russia, from Italy, and from the United States, and so forth, and from other places. We were all organized, and with leading representatives of these nations, who were going to create the SDI.

What happened is, the British and the Bush people, Prescott Bush's whole tribe, these people worked with the new "grand mufti" of the Soviet Union, to prevent this. We were immediately victimized, on the basis of what I had done in organizing out of the base of the

Fusion Energy Foundation—we created the whole thing. Then *we*, who had done this, were picked off.

Now, for example, the leading intelligence service of the administration was the key supporter of what I had proposed. So I was not fooling around. Under any reasonable circumstances, what I had done and proposed, would have been pulled off. President Reagan himself was an advocate in defense of my policy, my proposal. And so after that, since that time, 1983 and beyond, they came after me. 1985, '86, they went out to try to destroy me! And they're still trying to do it. The same sources.

So the point is, the ideas I'm presenting *here*, at this table at this time, are a reflection of the background, which pertains to what I'm talking about now. And so the scientific concerns were all there, already, in my efforts.

What's happened more recently is a new situation, with the elements of scientific progress, during the intervening period: At the present time, I'm in the strongest intellectual position for defining the policy, that I've ever been. Because I know these backgrounds, I know these facts, I've been through the mire, I'm not fooled by this.

And if somebody comes along, like you did today, with some good ideas, and good information, *that* exactly, is what I need, what I receive and gobble up and use! With the consent of the person involved. I use that, to enhance gaps, things that have to be filled out, in terms of scientific principle, needed to make this thing better understood.

Asia Is on the Upswing

Fan-Chiang: Well, Jason's been leading this up, but we've been doing a larger project, now, on physical chemistry, which this is part of. And I think we're due for a special on this, coming up pretty soon.

LaRouche: Oh, yes, I would say! This is absolutely necessary! What you need in this case, in the situation we're in now, you need not only the ideas, you need the tempo of development of those ideas. And that's what we've been tending to do, more and more gradually, actually, by steps in these meetings on Wednesday. These meetings on Wednesday have been a leading factor in the possibilities of achievement of the United States itself. And it's international.

And when you take the case that the world is now divided into two dominant groups, one is the trans-At-

lantic region, which is dying, including the United States. The United States is dying at a very rapid rate, especially under Obama. If Obama reigns, people of the United States will be destroyed! Which is what the British intend.

So, the other option, is that we move with something, which shifts the thing. Russia's succeeded in defeating the attempt of the Western and Central European organizations [the European Union/EU], where they defeated the attempt to gobble up Ukraine. The defeat of the effort to take over Ukraine created a determination to go quickly toward thermonuclear war, in terms of that part of the world, in terms of the trans-Atlantic region. They're a dying part of the world; the trans-Atlantic region, at present, that part which is not in the eastern part, is dying. The dying of that process, means that the thermonuclear faction, which includes U.S. agents, and U.S. forces like the Wall Street types, who are pushing to get this defeat of the Asian region. Because the Green policy means that the power of the Asian sector is going to die, going to be crushed, destroyed.

If the European forces, who are in a very weak situation, had actually succeeded in capturing Ukraine as they attempted to do, we would have had some kind of thermonuclear warfare, already. When Russia defeated the attempt to take over Ukraine, the strategic situation throughout the planet changed radically. The trans-Atlantic region is still dominated by people who have that warfare intention.

But! you have 60% or more of the U.S. population who *hate Obama!* And the hatred of Obama, who's really a rather dumb guy, but controlled by a couple of evil women, who control Obama on behalf of the British Queen. It was an agent of the Queen, who was the organizer of the employment of Obama. She was the runner, who created Obama, out of mud, or something less appealing.

So anyway, so the situation now is, we're now threatened, since the trans-Atlantic region of the world is dying, strategically, while the Asian part of the world, or the leading part of the Asian part of the world, or the Eurasian part of the world, is moving upward, as the China exploration of the Moon indicates. It's just symptomatic of that development. They're moving on ahead on a principle which is known, but they're actually doing it! And so, instead of the depression and demoralization which is coming

within the population of the trans-Atlantic region, we're getting, in certain parts of the Asian region, a mutually reinforcing spirit: Russia has been reinforced spiritually, by these developments; India is being reinforced in a sense; China has been vigorously reinforced by these developments. And there are other things in addition to that.

Prometheus vs. Zeus

So, we're not dealing with quarrels among nations. We're dealing with more fundamental principles. We're dealing with essentially a conflict between Zeus and Prometheus. And the attempt to save humanity from destruction by Zeus, means that you have to call in the principle of Prometheus to do it: And that is creative work, which means, changing the *character of Earth*, by taking the policy of going back to progress. But that means going to a *Promethean policy!*

Asia has been almost destroyed by the Zeus process. It is *Zeus* who has almost destroyed Asia! Or put it through mutilation. It is the Promethean impulse which has risen up, more in Asia now in terms of government, than in the trans-Atlantic region, and which is now on the way up. It is that development, that basis of the transformation of the Eurasia area, as opposed to the trans-Atlantic region. The trans-Atlantic region is still dominated from the top, by the British Empire, as a whole. That's what the problem is. The Eurasian sector has elements in which, taken in aggregate, are now vitally struggling, to save their own nations and people from being crushed.

This means that you have, on the one hand, a Eurasian factor—it's only a Eurasian factor, not Eurasia—but the factor of influence, the factor of morale, of outlook, of leading forces that are functioning in the Eurasian region. All the old garbage is still there, but you have a leading force which is actually pulling things in a different direction, in a *Promethean direction*. Whereas we are dying in the trans-Atlantic region because of the present, continued domination of the trans-Atlantic region by the *evil ones*, typified by Wall Street, typified by the British Empire, typified by the Dutch kingdom.

And when you understand that, then you can complete the cycle. You no longer are looking at "practical things" called science, as against political things. You're now saying, there is no difference.

The question is, what's the difference? The differ-

ence is between what is identified by the ancient Greeks, the Classical Greeks, as the Zeus policy, which is what is dominating the trans-Atlantic region, against the Promethean impulses which are arising in the past years in Asia. And in the middle of the whole thing, you've got terrorism which was launched in 1998-1999. And that has been the keystone of the transformation of history, since the early '90s.

Fan-Chiang: Well, I think we are Prometheus's immortality.

LaRouche: That's exactly what we're supposed to do!

Fan-Chiang: So, that's our job.

LaRouche: But we have to make it effective, because you've got an enemy, who's—it's the Zeus/Prometheus conflict.

Ross: Well, that makes it more fun, we've got a fight.

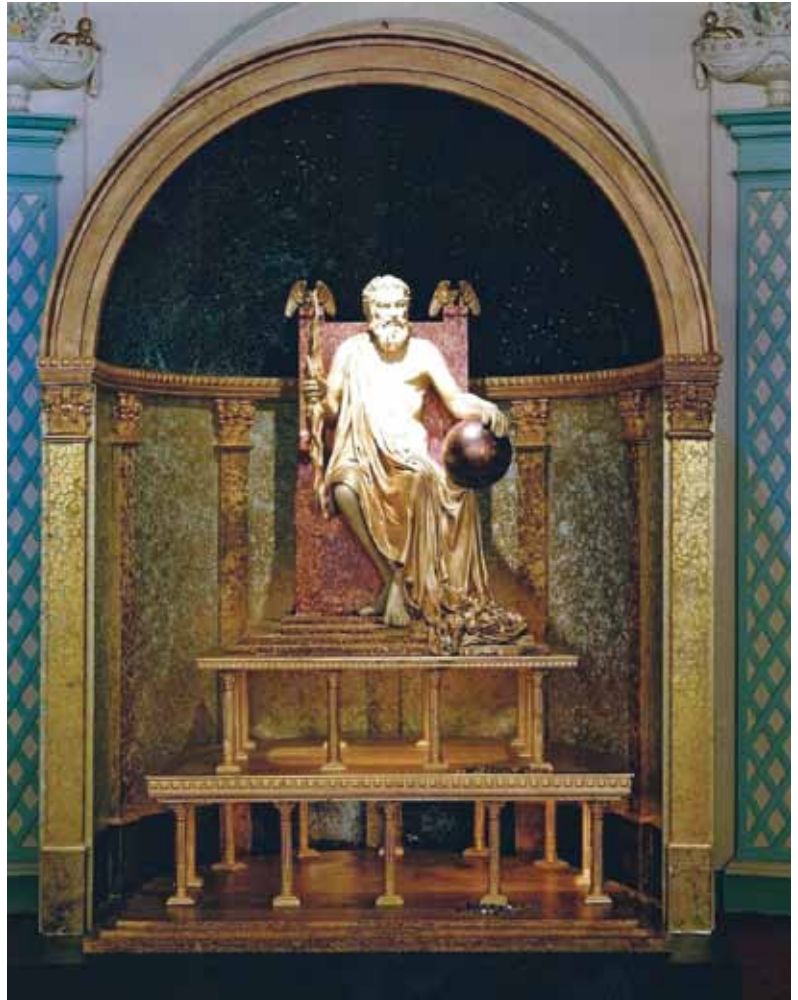
LaRouche: Yeah, sure. But you have to have the ideas, the concept, and the understanding of principle, and be able to prove principle, from a scientific standpoint. You simply have to eliminate the way we've been defining science, because we talk about reductionist conceptions of mathematics. And sometimes we get nasty, and we actually give some *motion* to science. We have dead science, where you assimilate facts, like accountants. And then you have people who come along and upset the accountants and actually change the whole agenda: That's called science.

Creativity in mankind is in Classical artistic composition. That's where we have the actual essential element of capability, is in Classical artistic composition. The problem is, we've separated science, formally, by university division, we've excluded the realization of what the implication of science really is, because we have separated it, emotionally, from Classical artistic composition.

Fan-Chiang: It became Classical "autistic" composition.

LaRouche: A very good term!

But the point is, that's what this organization of ours represents. We have become a spark plug of influence in this process, solely by what we do in this way.



"We're dealing essentially with a conflict between Zeus and Prometheus," stated LaRouche. "And the attempt to save humanity from destruction by Zeus, means that you have to call in the principle of Prometheus to do it." The statue of Zeus, by the great Classical Greek sculptor Phidias (ca. 432 B.C.), in Olympia, Greece.

When you try to say politics is one thing and art is another, that's when you're killing everything. If you don't have a sense of the artistic genius of science, you don't have real science; you have dead science. Then you try to make explanations, practical expositions on it.

This was an *excellent* presentation, for just exactly the reasons you know: For me, it was excellent for that reason, because of the implications.

Fan-Chiang: Well, good.

Ross: Well, this certainly has been enlivening. Thanks for joining us. We'll be back next week, with more on this theme.

A Call for War Avoidance

Patriotic Americans, and others around the world, would do well to heed the central message of *Duty: Memoirs of a Secretary of War*, the just-released book by former Defense Secretary, and longtime public servant, Robert Gates. From Gates' own words, the purpose of this book seems clear: Seeing the world on the verge of total war, Gates is yelling, "Stop!"

Gates' previews of the book make this point unmistakably.

In his Jan. 7 op-ed in the *Wall Street Journal*, he wrote:

"Until becoming secretary of defense, my exposure to war and those who fought it had come from antiseptic offices at the White House and CIA. Serving as secretary of defense made the abstract real, the antiseptic bloody and horrible. I saw up close the cost in lives ruined and lives lost.

"Wars are a lot easier to get into than out of. Those who ask about exit strategies or question what will happen if assumptions prove wrong are rarely welcome at the conference table when the fire-breathers are demanding that we strike as they did when advocating invading Iraq, intervening in Libya and Syria, or bombing Iran's nuclear sites. But in recent decades, presidents confronted with tough problems abroad have too often been too quick to reach for a gun. Our foreign and national security policy has become too militarized, the use of force too easy for presidents.

"Today, too many ideologues call for U.S. force as the first option rather than a last resort. On the left, we hear about the 'responsibility to protect' civilians to justify military intervention in Libya, Syria, Sudan and elsewhere. On the right, the failure to strike Syria or Iran is deemed an abdication of U.S. leadership. And so the rest of the world sees the U.S. as a militaristic country quick to launch

planes, cruise missiles and drones deep into sovereign countries or ungoverned spaces. There are limits to what even the strongest and greatest nation on Earth can do and not every outrage, act of aggression, oppression or crisis should elicit a U.S. military response."

And again, in a Jan. 13 interview with National Public Radio, in response to a question as to why publish the book now:

"The reality is if you look at the book as a total-ity, it's about war, it's about getting into wars, how you get out of wars, about the risks of launching military operations, whether it's in Libya or Syria or Iran. It's about dealing with China. It's about relations between the President and his senior military. It's about defense reform and how we ought to be spending our defense dollars. It's about the role of the Congress in all of this, and the impact of the dysfunction in Congress in all of these areas.

"These are all contemporary issues, and having worked for eight Presidents and being a historian, I felt I had a unique perspective. And these issues are with us today. *These are not issues that can wait to be written about in 2017.* And so that's the reason that I decided to go forward with the book" (emphasis added).

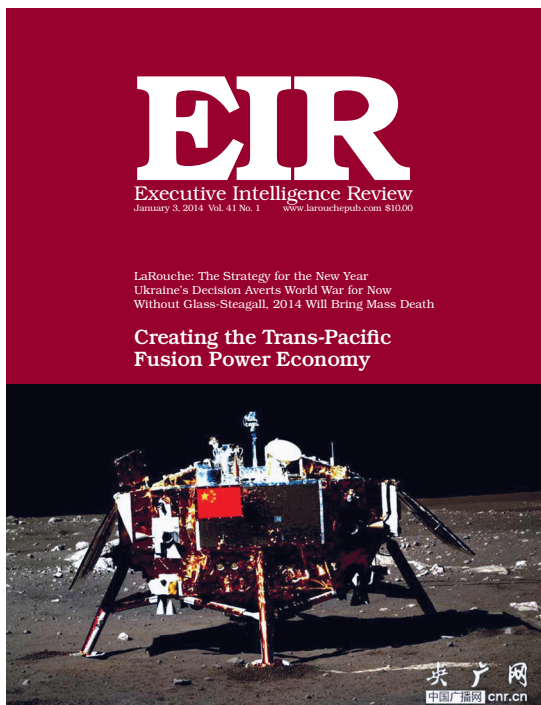
Lyndon LaRouche has put the issue more directly, emphasizing that the world stands at the brink of a war of extinction, if the current imperial system which controls the United States and NATO is not dumped. War must be ruled out, he says, and international agreements for long-term cooperation put into place.

Former Secretary Gates, a leading representative of the patriotic institutions of the U.S., has put the issue of unnecessary war on the table. LaRouche has provided the solution we must take.

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