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Lyndon LaRouche on 'The Rule of Natural Law'
Lovelock Tells EIR: We Need Nuclear Power!
Under Obama's Policies, Nation Is Headed for Meltdown

9/11 Cover Is Blown



No to the 'Clash of Civilizations'!

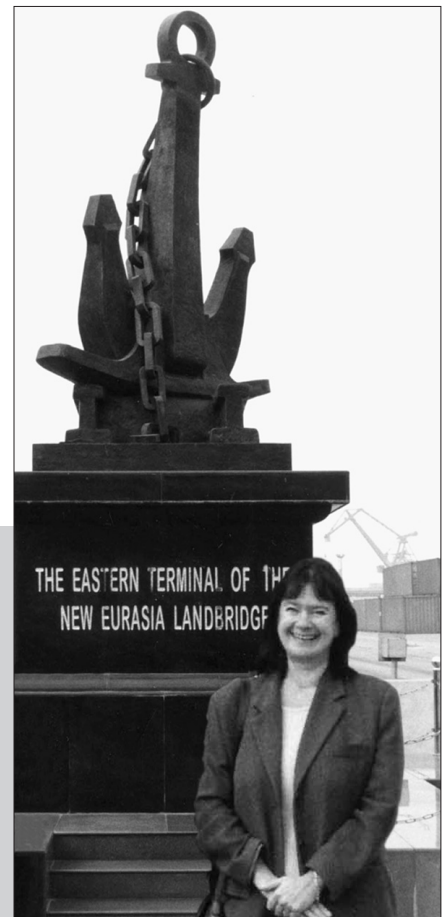
The Anglo-American financier oligarchy is trying to unleash a "Clash of Civilizations," to block the vast potential for Eurasian development. Instead, the Western powers should join in the great project of the new millennium, the Eurasian Land-Bridge.

The Eurasian Land-Bridge

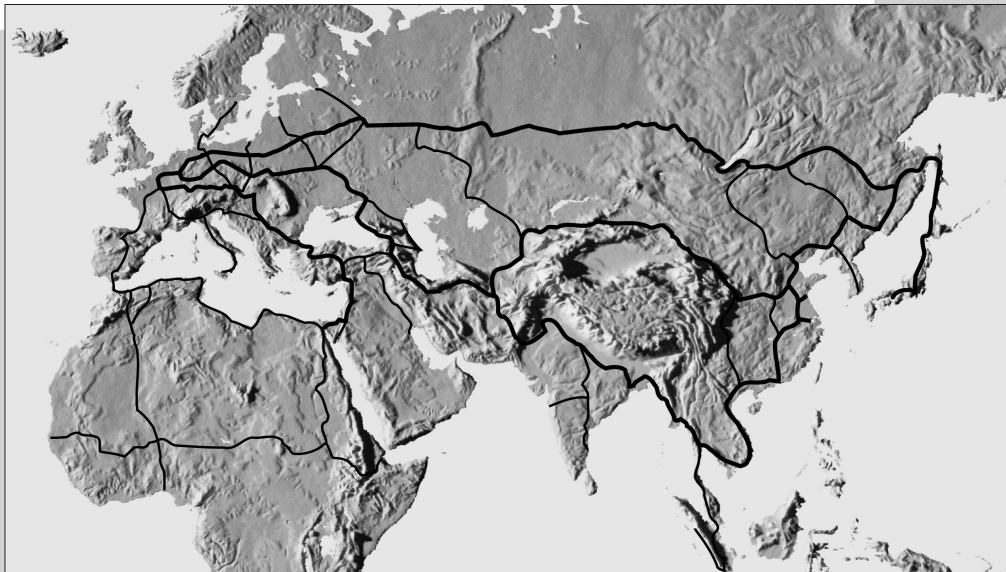
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- The Eurasian Land-Bridge and development around the great ocean basins
- Financing an economic miracle: Hamiltonian credit generation
- The Eurasian Land-Bridge and the economic reconstruction of the United States



EIRNS
Helga Zepp-LaRouche known as "the Silk Road Lady," has played a major role in organizing worldwide support for the Eurasian Land-Bridge. She is shown here at Lianyungang Port in China, October 1998.



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EIR

From the Managing Editor

You'll have plenty to keep you busy this week, with our 80-page issue, packed with dynamite.

Which brings me to the cover story, "9/11 Cover Is Blown," by Jeffrey Steinberg. We have put together recently declassified U.S. government documents, with *EIR*'s 30 years of intelligence work on global terrorism, and established beyond the shadow of a doubt that the British and Saudi intelligence services, along with members of both royal families, steered, funded, and deployed the terrorists who perpetrated the Sept. 11, 2001 attacks; and that further, top officials of the Bush-Cheney Administration *knew* what was coming, and were fully complicit in covering up the truth afterwards.

What's new here is not the "Saudi angle," per se; from a Pentagon briefing in July 2002 by neocon nut-cases Richard Perle and Laurent Murawiec, to leftist Michael Moore's 2004 film *Fahrenheit 9/11*, many have been "barking up the Saudi tree." But there was always a fallacy of composition. It was only with *EIR*'s 2007 exposé of what Lyndon LaRouche called "the scandal of the century," the British defense firm BAE Systems' multibillion-dollar deal with the Saudis, that the real picture began to come together, of the collaboration between the two kingdoms, which created a secret slush fund for covert operations that included terrorism. In this issue, we follow the trail all the way to 9/11.

Our second feature is LaRouche's "The Rule of Natural Law," a sequel to his "Economic Science, in Short," published in our June 19 issue. (Two more in the series are planned.) The current document develops further the indispensable role of creativity in economic processes, by discussing the concept of natural law, as opposed to Euclidean, Cartesian, or positive law ("rules and regulations"). This question is of utmost urgency for putting together an effective new global credit system, to replace the bankrupt monetarist mess we have today. A new system, LaRouche writes, must be based on "the same principle of natural law adopted by the U.S. Federal Constitution." Emphasizing physical economy, not "money," the new system will be based upon "a notion of natural law which expels monetarism."

Lyndon LaRouche's next webcast is scheduled for Aug. 1, at www.larouchepac.com. See that website for details.



Cover This Week

The World Trade Center, New York City, Sept. 16, 2001.



FEMA News Photo/Andrea Booher

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Much of what you have been told about the events of 9/11 has been a hoax. Newly declassified documents reveal that two presumed U.S. allies—Saudi Arabia and Great Britain—were up to their eyeballs in the attacks on New York City and Washington. Investigation of the truth—the Anglo-Saudi terror nexus, involving “the scandal of the century”—has been kept off limits.

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This Jan. 11, 2000 request to then-Secretary of State Madeleine Albright, to launch an investigation, pursuant to placing Great Britain on the list of states sponsoring terrorism, is excerpted from the Jan. 21, 2000 *EIR*.

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Lyndon H. LaRouche, Jr.
In this sequel to his “Economic Science, in Short” (*EIR*, June 19), LaRouche insists on viewing the universe from the standpoint of the creative powers of the human mind, rather than that of Euclidean *apriorism*, or the “foggy bottom” of reductionist mathematics. Therefore, Leibnizian natural law must supersede imperialist law, or Liberalism.

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One of the prominent indicators that we are in the end-game for civilization, as Lyndon LaRouche warned July 4, is that the British-Saudi drug-terror networks are on a full-scale offensive across the “Arc of Crisis,” to destroy all vestiges of nation-states.
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The nation is fast approaching a situation in which state and local governments that are responsible for the general welfare *do not exist*. “There will not be much left of the United States, come October,” said Lyndon LaRouche, July 6.

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9/11 Cover Is Blown

by Jeffrey Steinberg

July 10—In the report that follows, you will discover that some of the most fundamental assumptions that you have been clinging to, since Sept. 11, 2001—assumptions that Lyndon LaRouche warned against—have been a total fraud. Much of what you have been told about the events of 9/11 have been a hoax. The truth, which is clearly revealed in newly declassified documents, available through the National Archives, is that two leading, presumed U.S. allies—Saudi Arabia and Great Britain—were up to their eyeballs in the attacks on New York City and Washington. The United States was betrayed by leading elements within the Saudi Arabian Royal Family and intelligence services, in league with the British Empire. And, top officials of the Bush-Cheney White House, the Justice Department, and the Federal Bureau of Investigation (FBI) were both aware of, and fully complicit in the coverup of the crime of the century.

The Anglo-Saudi alliance behind the 9/11 atrocity is represented, most graphically, by a 25-year-old secret intelligence arrangement, concealed beneath a lucrative arms-for-oil barter deal called “al-Yamamah.” There is now sufficient, credible evidence that funds from the offshore al-Yamamah accounts were funneled to at least two of the 9/11 hijackers, to warrant a high-profile Justice Department probe, without delay.

The newly released documents, when cross-gridded with other evidence already in the public domain, confirm the Anglo-Saudi hand behind 9/11, and debunk

nearly eight years of conspiracy rubbish, that have portrayed the attacks as a scheme by cave-dwellers and “under-the-floorboard” mysterious forces. The writings of a former LaRouche associate, Webster Tarpley, more or less typify the kind of off-course conspiracy mongering that is now thoroughly discredited by the new material and the larger picture assembled by *EIR* researchers.

Elements of the story have already been reported in *EIR*, and LaRouche instinctively pointed to the true nature of the operation, in a now-famous radio interview that he gave to the Salt Lake City-based syndicated radio host Dr. Jack Stockwell, as the hijacked planes were crashing into the Twin Towers and the Pentagon, on the morning of Sept. 11, 2001.

If the full implications of the new, confirming evidence of the Anglo-Saudi hand in the 9/11 attack are comprehended and acted on, by the appropriate U.S. and other government services, one of the root sources of global asymmetric warfare can be wiped out—with many other side benefits as well.

The New Evidence

Early this year, the National Archives released documents from the files of the 9/11 Commission, which were previously classified. Three of those documents, recently obtained by *EIR*, provide the “smoking gun,” proving the central role of Saudi intelligence, and the critical support role of British intelligence in the prepa-



Video grab from BBC's "Panorama"

Saudi Prince Bandar bin Sultan brokered the BAE "al-Yamamah" arms-for-weapons deal with then-British Prime Margaret Thatcher, in 1985.



Creative Commons

Saudi intelligence agent Omar al-Bayoumi organized the entry of two 9/11 hijackers into the U.S.



Nawaf al-Hazmi, one of the 9/11 hijackers, rented a room from FBI informant Abdussattar Shaikh, from May to December 2000.



Hijacker Khalid al-Mihdhar, Nawaf al-Hazmi's partner, was also "mentored" by Saudi intelligence.

ration, execution, and coverup of 9/11. The most significant of the documents, still partly classified, is a "Memorandum for the Record," summarizing an April 23, 2004 interview with a Southern California-based FBI informant, who rented out a room in his home to two of the 9/11 hijackers, during 2000. (See excerpts, pp. 12-19.) Although the memorandum redacted the informant's name, other public sources have identified the man as **Abdussattar Shaikh**. His FBI handler has also been publicly named as Steven Butler.

In the interview, Shaikh provided a detailed account of his first encounter with the two 9/11 hijackers, **Nawaf al-Hazmi** and **Khalid al-Mihdhar**. In April 2000, Shaikh posted an announcement on the bulletin board at the Islamic Center of San Diego (ICSD), offering to rent rooms in his home to "devout Muslims." At the

time he posted the ad, Shaikh was already acting as a paid informant for the FBI. According to his account to 9/11 Commission investigators Quinn John Tamm, Jr. and Dietrich Snell, Shaikh was approached after Friday prayers by al-Hazmi, who said he and al-Mihdhar urgently needed housing. By Shaikh's account, the two men moved into his home on May 10, 2000. Al-Mihdhar left after six weeks, claiming that he was returning to Saudi Arabia to visit his wife and young child. Al-Hazmi lived in the room until Dec. 10, 2000, when he moved out to attend pilot school in Arizona.

At one point in the interview, the 9/11 investigators asked Shaikh about another Saudi, **Omar al-Bayoumi**. From the Commission document: "Dr. Xxxxxx [Shaikh] noted that Omar al-Bayoumi also visited al-Hazmi at his house. Dr. Xxxxxx knew al-Bayoumi as a Saudi national

who Dr. Xxxxxx met at the ICSD. Al-Bayoumi stated to Dr. Xxxxxx when he visited, that ‘I referred them (al-Hazmi and al-Mihdhar) to you.’ Dr. Xxxxxx restated that his was not the case and that he met the two in the hallway of the ICSD after the Friday prayer service.”

The report continued: “Al-Hazmi did not like al-Bayoumi and told Dr. Xxxxxx that al-Bayoumi was ‘an agent for the Saudis.’ Al-Hazmi complained to Dr. Xxxxxx that al-Bayoumi videotaped people associated with the ICSD constantly. Dr. Xxxxxx noted that was his experience when he attended events at the ICSD. Dr. Xxxxxx said that al-Bayoumi always had his videotape recorder and sought comment to the open mike on the videotape recorder. Dr. Xxxxxx stated that, ‘I have heard that al-Bayoumi is an agent (of the Saudis).’”

Shaikh’s candid description of al-Bayoumi as a Saudi intelligence agent, in regular contact with one of the 9/11 hijackers, is stunning in its own right. The fact that Shaikh was an FBI informant, who, according to several U.S. intelligence sources, regularly received payments from the Bureau to keep tabs on the Muslim community in the San Diego area, and hosted two of the hijackers, is equally stunning. But the full extent of the al-Bayoumi dossier, as known to the FBI and other U.S. government agencies, goes well beyond the surface scandal.

Al-Bayoumi was far more than a “frequent visitor” to Shaikh’s home, while al-Hazmi was living there. The essential facts are as follows.

On Jan. 15, 2000, al-Hazmi and al-Mihdhar arrived at Los Angeles International Airport on a flight from Kuala Lumpur, Malaysia, where they had attended a meeting of number of al-Qaeda members and allies. The two men were met at the airport by al-Bayoumi, who brought them to San Diego, rented them an apartment, co-signed the lease, and even put down a \$1,500 deposit and rent. Al-Bayoumi would later arrange for the two men to enroll in flight training school.

Al-Bayoumi’s association with three of the 9/11 hijackers (he hosted a third hijacker, **Hani Hanjour**, at his apartment on a number of occasions, in the Spring of 2000, according to FBI and Congressional documents) prompted one Federal government source to tell reporters, “Some Federal investigators suspect that al-Bayoumi could have been an advance man for the 9/11 hijackers.”

But, al-Bayoumi was also, undisputedly, an agent of Saudi intelligence! According to the FBI and CIA dossiers on him, and records from both the House-Senate

joint intelligence probe and the 9/11 Commission, al-Bayoumi came to the United States in August 1994. He was previously employed by the Saudi Ministry of Defense, and continued to draw a salary of \$3,000 a month from the Ministry after he moved to the United States, through 2002. In the U.S., he was formally listed as an employee of Dallah Avco, a Saudi defense company that held lucrative contracts with the Ministry of Defense and Aviation, and was owned by members of the Saudi Royal Family. According to U.S. Federal investigators, al-Bayoumi never actually did any work for Dallah Avco. However, his monthly salary from the firm increased to \$3,500 right after al-Hazmi and al-Mihdhar arrived in the U.S.A.

Further adding to al-Bayoumi’s considerable personal finances, in June 1998, an anonymous contribution arrived from Saudi Arabia. The \$500,000 was a down-payment on a new mosque, to be built in San Diego—with the proviso that Omar al-Bayoumi be appointed as director of maintenance, with an office and a guaranteed salary. Eyewitnesses told the FBI and the 9/11 Commission that al-Bayoumi was rarely seen at the mosque.

Al-Bayoumi was, however, in constant communication with top Saudi government officials in the United States and in Riyadh. According to the records of the joint Congressional investigation and the 9/11 Commission, between January 2000—when al-Hazmi and al-Mihdhar arrived in California—and May 2000, al-Bayoumi made 32 calls to the Saudi Embassy in Washington, D.C., 37 calls to the Saudi Cultural Mission in Washington, and 24 calls to the Saudi Consulate in Los Angeles. His contact at the Consulate was **Fahad Thumairy**, who held diplomatic credentials, but was one of the most virulently anti-American imams in the area. He would be deported from the United States after 9/11.

In late June or early July 2001, al-Bayoumi and his wife, **Manal Ahmed Bagader**, suddenly left San Diego, and moved to England, where al-Bayoumi ostensibly entered business school at Aston University. Within days after the 9/11 attacks, he was detained by Scotland Yard and held for one week. However, he was released for lack of evidence, and he immediately left England for Saudi Arabia.

Osama Basnan

Omar al-Bayoumi was not alone in his liaison work between Saudi intelligence and some of the 9/11 hijackers. He worked closely with another Saudi intelligence



DoD/TSGT Cedric H. Rudisill, USAF

The scene at the Pentagon on Sept. 11, 2001. The United States was betrayed by presumed allies Saudi Arabia and Britain, whose intelligence services deployed the terrorists. Top officials in the Bush-Cheney Administration were complicit in the subsequent coverup.

officer, Osama Basnan, who entered the United States in 1980 on a short-term tourist visa, but remained in the country until October 2002, when he and his wife were deported as illegal aliens.

An FBI report, written shortly after 9/11, warned that evidence gathered on Basnan “could indicate that he succeeded Omar al-Bayoumi and may be undertaking activities on behalf of the Government of Saudi Arabia.” An FBI classified report, dated Oct. 3, 2001, noted that Basnan was in contact with members of the **bin Laden** family, who were living in the United States. In the days immediately following 9/11, members of the bin Laden family in the United States, along with other top Saudis, were quietly flown home—at a time when no other non-military flights were being allowed.

Basnan was a subject of FBI interest long before Sept. 11. In 1992, according to news accounts, Basnan was investigated by the Bureau for ties to Eritrean Islamic Jihad (EIJ), an organization that was closely linked to al-Qaeda by no later than 1996. On Oct. 17, 1992, Basnan, then living in Washington, D.C., hosted a party at his home for **Sheikh Omar Abdul Rahman**, the so-called “blind sheikh,” now in jail for plotting terrorist attacks in New York City. At the time, according to U.S. intelligence sources, the FBI produced a still-classified report, detailing Basnan’s work for the Saudi government, despite his ties to Islamic radicals.

Indeed, U.S. intelligence sources report that Basnan was arrested on drug charges in the Los Angeles area, but the charges were dropped, after intensive pressure from the Saudi Embassy.

The Ambassador and the Princess

If Omar al-Bayoumi’s ties to the Saudi Ministry of Defense and Aviation are firmly established, his personal ties to the former Saudi Ambassador to the United States, **Prince Bandar bin Sultan**, and his wife, **Princess Haifa**, are even less in dispute. In April 1998, Prince Bandar, who is also the son of the Saudi Defense Minister, Prince Sultan, sent a check to Basnan in the amount of \$15,000. Bandar claims that the check was an “act of charity,” in response to a written appeal by Basnan for help in paying medical bills for his wife. Beginning in November 1999, just weeks before the two 9/11 hijackers arrived at the Los Angeles Airport, Princess Haifa began sending monthly cashier checks, from her account at Riggs National Bank in Washington, to Basnan’s wife, **Majida Ibrahim Ahmad Dweikat**. The checks continued until May 2002. The royal couple sent a total of \$53-72,000 to Basnan and his wife. According to the House-Senate joint investigation, many of the cashier checks from Princess Haifa to Basnan’s wife were signed over to the wife of al-Bayoumi. Most of these transactions took place while

Basnan and al-Bayoumi were “handling” the financial affairs of at least two of the 9/11 hijackers, al-Hazmi and al-Mihdhar. And the pair of Saudi intelligence officers also had some, as yet not-fully-known ties to a third hijacker, Hani Hanjour.

Prince Bandar’s BAE Bounty

At the time that Prince Bandar and Princess Haifa were making their “charitable” contributions to Basnan and al-Bayoumi, the then-Saudi Ambassador to the United States was on the receiving end of at least \$2 billion in kickbacks from Great Britain’s premier defense firm, BAE Systems. The BAE scandal exploded into the public view several years ago, when BBC, the London *Guardian*, and other publications revealed that BAE was making tens of billions of dollars in payouts to Saudi Defense Ministry officials, and other members of the Saudi Royal Family, in return for arms contracts worth a fortune.

The BAE-Saudi scandal dated all the way back to 1985, when Prince Bandar personally brokered a deal with then-British Prime Minister **Margaret Thatcher**, to sell an initial \$40 billion in BAE military hardware and services to Saudi Arabia, in return for Saudi crude oil. The deal, cynically known as “al-Yamamah” (“the Dove”) was far more than a barter arrangement. BAE padded the costs of the fighter jets, training planes, air defense systems and support services by an estimated one-third, to launder payoffs to top Saudis—including Prince Bandar. In return, Saudi Arabia delivered the equivalent of one super-tanker of oil *per day* (on average) to BAE, which had a contract with British Petroleum and Royal Dutch Shell, to immediately sell the oil on the spot market. For the Saudis, it was a lucrative deal. Even aside from the kickbacks that lined the pockets of many a Saudi prince and ministry official, the crude oil cost the Saudis under \$5 a barrel. BP and Royal Dutch Shell sold the oil at fantastic markups.

As the result of this unique arrangement, an offshore Anglo-Saudi intelligence slush fund was amassed, amounting to hundreds of billions of dollars, starting in 1985. In a semi-official biography of Prince Bandar, published several years ago, author William Simpson candidly wrote that al-Yamamah was, first and foremost, a geo-strategic partnership between London and Riyadh, which funneled money covertly to the Afghan mujahideen who were battling the Soviet Army in the 1980s; funded Chad in its border war with Libya; and bypassed the U.S. Congress to deliver American mili-

tary hardware to the Saudi Air Force.

Some senior U.S. intelligence officials insist that a full investigation of Prince Bandar’s role in the al-Yamamah scheme would reveal that some of the BAE payoffs went from the Bank of England, to Bandar’s account at Riggs National Bank—into the hands of Basnan, al-Bayoumi, and the California 9/11 hijackers cell. By Aug. 2, 2003, so many questions had been raised about the Bandar payoffs to Basnan, that the Ambassador was forced to issue a personal statement, through the Saudi Embassy, branding the allegations “baseless and not true,” nothing more than “rumor, innuendo, and untruths.” He cited President George W. Bush, who “praised the Saudi commitment to fighting terrorism.”

Bandar’s efforts to cover up the Saudi government hand in 9/11, by invoking the words of President Bush, only served to further infuriate those U.S. officials who were trying to get to the bottom of the Sept. 11 plot. House and Senate intelligence committee investigators knew, for example, that when their final “Report of the Joint Inquiry into the Terrorist Attacks of Sept. 11, 2001” was submitted to the White House for final review before publication, the entire text of a 28-page chapter, documenting evidence of Saudi government support for the hijackers—including the Bandar payments to Basnan—was blocked from publication and remains classified to this day. In a recent meeting with the families of the 9/11 victims, President Barack Obama was pressed to declassify the chapter.

Both Presidents Bush were so close to Prince Bandar that the longtime Saudi Ambassador was widely referred to as an “honorary member of the Bush family.” The G.W. Bush White House commitment to brutally suppress the evidence of the Anglo-Saudi hand in 9/11 was so deep that Osama Basnan, the Saudi intelligence officer, felt confident enough to be in Houston, Texas, on April 24-25, 2002, when then-Saudi Crown Prince (now King) Abdullah, along with Prince Bandar, visited Bush 43 at his Crawford ranch. The Prince’s entourage was massive—eight planeloads of aides and hangers-on. Among the crowd were three Saudi officials suspected of ties to al-Qaeda. The “embarrassing” incident was suppressed, along with Basnan’s presence in nearby Houston, where he was reportedly meeting with a billionaire Saudi prince who was part of the Crawford entourage.

Four months later, Sen. Bob Graham (D-Fla.), who chaired the Senate Select Committee on Intelligence,



White House/Eric Draper

President George W. Bush meets with Saudi Ambassador Prince Bandar at the Bush ranch in Crawford, Tex., Aug. 27, 2002. The two were so close that Prince Bandar was widely referred to as an “honorary member of the Bush family.”

which conducted the joint Congressional 9/11 probe along with the House Intelligence Committee, declared that, to his knowledge, the CIA had “incontrovertible evidence that there is support for these terrorists within the Saudi government.” He would later emphasize the point in his book on the joint Congressional probe, *Intelligence Matters*.

Britain: State Sponsor of Terrorism

In December 2000, the editors of *EIR* submitted a lengthy memorandum to then-Secretary of State Madeleine Albright, seeking an investigation of British government sponsorship of international terrorism (see below). The memo, prepared with the assistance of State Department attorneys, who provided *EIR* with the official criteria for placing a nation on the list of “state sponsors of terrorism,” relied exclusively on official government documents, from no fewer than nine nations, that had formally protested British government protection, and, in some cases, financing of active terrorist cells on British soil. The *EIR* memo was triggered by a rash of asymmetric warfare attacks, many by groups spawned out of the 1979-89 Afghanistan War against the Soviets, a war covertly bankrolled and logistically backed by British, French, American, Saudi, and Israeli intelligence services.

The British government’s protection was extended to such terror groups as the **Kurdish Workers Party**

(PKK), which had a radio transmitter in Britain that broadcast marching orders for terrorist attacks into eastern Turkey; the **Egyptian Islamic Jihad**, which carried out a brutal 1997 attack on Japanese tourists at Luxor, Egypt, and had earlier assassinated Egyptian President Anwar Sadat; the Indian terrorist group **Lashkar e-Taibi**, which carried out assassinations and hijackings in 1999; and Chechen terrorists, who were recruited out of mosques in England.

Among the charges against the British government: British intelligence had looked the other way, throughout the 1990s, as **Osama bin Laden** moved between Pakistan, Afghanistan, Sudan, and England. The *London Times* admitted that, through-

out the second half of 1996, bin Laden made frequent trips to London, “clearly under the protection of British authorities.” The *Times* had spotted bin Laden, earlier in the 1990s, at the London estate of **Khalid bin Mahfouz**, a wealthy Saudi banker who was a leading Muslim Brotherhood funder of a wide array of Jihadi groups, and a major shareholder in the Bank of Credit and Commerce International (BCCI). In 1994, the French and Algerian governments filed diplomatic *démarches* with the British Foreign Office, charging that bin Laden had met with leaders of the **Islamic Group of Algeria (GIA)**, which was then carrying out terror bombings in both countries. French intelligence tracked the bin Laden/GIA meetings to a bin Laden-owned estate in Wembley. For three months in 1994, according to other French sources, including investigator Roland Jacquard, Osama bin Laden lived on Harrow Road in London. Even after he left the country, bin Laden’s leading propagandists operated out of London.

According to “conventional wisdom,” the British protection of a worldwide nexus of terrorist organizations was based on an understanding that the groups would not operate on British soil, or target British interests abroad. But, anyone with even a cursory knowledge of the history of the British Empire, from the early days of the British East India Company, through Lord Palmerston’s sponsorship of the Young Europe, Young America, and Young Turk operations of the 19th Cen-

tury, realizes immediately that this is a fraud. Sponsorship of asymmetric warfare is at the very heart of the British/Venetian method. And the Anglo-Saudi al-Yamamah project is the 20th- and 21st-Century equivalent of the British East India Company's sponsorship of legions of ethnic and religious separatist groups, assuring a ready stable of political assassins and perpetrators of "chaos on demand" around the globe.

Will the Bush League Coverup End?

Even as investigators for the joint Congressional inquiry and the 9/11 Commission attempted to get at the role of Saudi intelligence in 9/11, a vicious coverup was being imposed directly from the White House, and with full complicity of elements within the FBI and Department of Justice. It became so blatant, that three 9/11 Commission investigators—Kevin Scheid, Col. Lorry Fenner, and Gordon Lederman—drafted a memo to their staff supervisors, Dan Marcus and Steve Dunne, proposing guidelines for FBI and other "minders." The memo bitterly complained that FBI and other "mind-ers" sitting in on interviews with Commission witnesses, interfered in the questioning and intimidated the witnesses:

"Mind-ers have positioned themselves physically and have conducted themselves in a manner that we believe intimidates witnesses from giving full and candid responses to our questions. Mind-ers generally sat next to witnesses at the table and across from Commission staff, conveying to witnesses that mind-ers are participants in interviews and are of equal status to witnesses. Moreover, mind-ers take verbatim notes of witnesses' statements and may engage in retribution. We believe that the net effect of mind-ers' conduct, whether intentionally or not, is to intimidate witnesses and to interfere with witnesses providing full and candid responses."

The memo concluded with a plea: "We request that you raise the subject of mind-ers' conduct with the Executive Branch in order to prevent mind-ers from com- porting themselves in these ways in the future."

Attached to the memo were ten proposed rules of conduct, to block the intimidation. Apart from the fact that the memorandum was declassified and released at the National Archive earlier this year, no action was taken; and the Bush White House coverup—typified by the suppression of the Congressional report section dealing with Saudi government complicity in 9/11—continued to the end.

Condoleezza Rice Lied

The coverup, in at least one case, may have involved contempt of Congress. When a battle erupted between the 9/11 Commission and the White House, over the public disclosure of segments of a Presidential Daily Briefing from August 2001, in which President Bush was explicitly warned about a high-probability al-Qaeda attack against the continental United States, then-Secretary of State Condoleezza Rice testified before Congress that there was no "actionable intelligence" provided by the intelligence community, and that no one could have anticipated the events of 9/11.

In stark contrast to Rice's sworn testimony, U.S. intel- ligence had strong indications that, not only was al-Qaeda planning to hijack planes, but was planning to use them as weapons. According to the third document released this year by the 9/11 Commission, the Federal Aviation Ad- ministration and the North American Aerospace Defense Command (NORAD) conducted a series of exercises, as early as October 1998—shortly after the attacks on two U.S. embassies in Africa—involving hijackings. The last of the exercises, "Vigilant Guardian I," took place be- tween Sept. 6-10, 2001. In one of the scenarios, described in a 9/11 Commission summary chronology, a London- to-New York flight is hijacked by "terrorists with explo- sives who plan to detonate them over NYC." Clearly, the idea that terrorists were planning to use aircraft as a weapon against New York City, was on the minds of some Federal counter-terror officials prior to 9/11.

Basnan's Free Ride Home

On Oct. 21, 2002, a Federal judge in California or- dered Osama Yousef Basnan and his wife, Majida Ibra- him Ahmad Dweikat, to be deported from the United States—for immigration violations! The Saudi intelli- gence officer who had been in the country illegally since the early 1980s, who had bankrolled, along with Omar al-Bayoumi, at least two of the 9/11 hijackers, was so pleased with the judge's order to send him back to Saudi Arabia, that he walked up to the Federal pros- ecutor at the end of the hearing and shook his hand, thanking him profusely for the free ride home.

The message delivered that day in court could not have been clearer: The Anglo-Saudi terror nexus was off limits. The idea that two of America's most trusted so-called allies—Great Britain and Saudi Arabia—had betrayed the United States, and played an indispensable role in the worst terrorist atrocity in history on Ameri- can soil, was to be buried.

Documentation

The following selections are from previously classified official documents that were part of the investigative files of the 9/11 Commission, chaired by Thomas Kean and Lee Hamilton. EIR's publication of the records is one of the first instances of their broad public dissemination.

NORAD EXERCISES Hijack Summary

		FY00							
10/21/1999	Amazon Condor 00-1	Hijack with WMD on board	Outside-Inside	NORAD crisis planning	France	Montreal	B747	Terrorist group that has will and means to strike North America with WMD. There are American and Canadian citizens on board. No comms with plane since hijack.	NORAD should convene Significant Event or Air Event Conference with law enforcement and civil authorities on line. Will not allow aircraft to be shot down until last moment. Crew will overpower terrorists at last second. CJCS CAT will be passed info from ATCSCC based on last
9/6/2001	Vigilant Guardian I	ANR ROE HIJACK 1/6	Outside-Inside	NORAD	Toyko	Anchorage	B747	Threat of harm to passengers and possibly large population within US or Canada. "MUM HYKRO" will rain terror from the skies onto a major US city unless the US declares withdrawal from Asian conflict. Some passengers have been killed	calls. Scenario fruition is "up to blue forces." CJCS/HQ FAA directed military assistance in form of covert shadowing. NORAD will liaison with appropriate ARTCC
	Vigilant Guardian I	ANR ROE HIJACK 2/6		ANR	Toyko	Anchorage	B747		
	Vigilant Guardian I	ANR ROE HIJACK 3/6		CANR	Tokyo	Anchorage	B747	Changed course for Vancouver then SF	
9/6/2001	Vigilant Guardian I	HIJACK of KAL 357 1/6	Outside-Inside	NORAD	Seoul	Anchorage	B747	10 members of terrorist org "LIN PO" seize airliner and issue demands, threaten to blow up plane if demands not met	CINCINORAD will direct fighters to position to shoot down aircraft

NORAD EXERCISES Hijack Summary

9/9/2001	Vigilant Guardian I	Hijack	Outside-Inside	NEADS	London	JFK	DC-10	Terrorists with explosives who plan to detonate them over NYC	Blue Force diverts the aircraft, when terrorists realize they are not near NYC they detonate explosives over land near the divert location. No survivors.
9/10/2001	Vigilant Guardian I	Special-23 Hijack (Cuba)	Outside-Inside	SEADS	Havana	Shannon	IL-62	Cubans demanding political asylum demand to be taken to NYC	FAA requests NORAD support. FAA directs plane to Jacksonville based on input from DoS and DoT. Hijackers then demand Atlanta. Plane will land safely at Dobbins AFB.

This table (excerpted here) shows three years of the North American Aerospace Defense Command's (NORAD) exercises on how to deal with terrorist hijacking. The last one shown was on the day before the 9/11 attacks.

MEMORANDUM FOR THE RECORD

Event: Interview of XXXXXXXXXXXX XXXXXX

Date: 04/23/2004

Special Access Issues: none

Prepared by: Quinn John Tamm, Jr. and Dietrich Snell

Team Number: 1A

Non-Commission participants: Counsel for XXXXXXXXXXXX XXXXXX, Charles G. La Bella and George C. Ioannides, FBI representative, Special Agent [redacted]

The interview was conducted in the law offices of La Bella and McNamara, 401 West A Street, Suite 1150, San Diego, CA. The interview began at 2:30 pm Pacific time. [redacted] arrived at the law offices at 3:30 pm.

XXXXXXXXXX XXXXXX, PhD., was introduced to Commission Staffers Dietrich Snell and Quinn John Tamm, Jr. It was explained to Dr. XXXXXX that this interview concerned his contact with Nawaf al-Hazmi (al-Hazmi) and Khalid al-Mihdhar (al-Mihdhar), and other related issues. Dr. XXXXXX provided the following information:

Dr. XXXXXX stated that his is a native of India, having been born in Rajasthan Province. He became a United States citizen in 1976. Dr. XXXXXX is [redacted] He became active in the Muslim community of San Diego in the early 1970s and was a [redacted] Islamic Center of San Diego (ICSD). Dr. XXXXXX explained that the core group of members for the ICSD began meeting for prayer at a warehouse in San Diego owned by one of the members of the ICSD. The initial gathering occurred during Ramadan. Later the ICSD bought a house on Curry Street in San Diego, to use as a mosque. After a fund raising campaign the present mosque was built on Balboa Avenue in San Diego. [redacted]

[redacted]

Dr. XXXXXX has two sons, [redacted] who is [redacted] and [redacted] who is [redacted] [redacted] and [redacted] are *Hafiz*, which means that they have memorized the Koran. Both sons traveled to India to study and memorize the Koran. [redacted] [redacted] because of his accomplishment.

husband for his sister in Saudi Arabia. One of the issues that Dr. Xxxxxx finds perplexing is that al-Hazmi seem to "like America." Al-Hazmi was interested in finding an American husband for his sister, and was willing to marry a non-Muslim American or Mexican woman, with the hope of remaining in America.

Dr. Xxxxxx said that al-Mihdhar only lived with him, "for about six weeks." Dr. Xxxxxx recalls that al-Hazmi accompanied al-Mihdhar to Los Angeles, CA, when al-Mihdhar left to return to Yemen. Dr. Xxxxxx never saw al-Mihdhar after that time. Dr. Xxxxxx does not know if Mohdar Abdula went to Los Angeles, CA with al-Mihdhar and al-Hazmi. Dr. Xxxxxx had a negative opinion of Abdula. He stated that Abdula came to his home used his bathroom and left a mess. When Abdula asked Dr. Xxxxxx if people could stay with Xxxxxx, Xxxxxx would refuse, because these individuals were associated with Abdula. Dr. Xxxxxx described Abdula as frequently belligerent and loud. Dr. Xxxxxx first met Abdula at the ICSD, and does not associate Abdula with any other San Diego area mosque. Dr. Xxxxxx was asked specifically if he recalled seeing Abdula at the El Cajon, or Medina Mosque. Dr. Xxxxxx stated that he has never seen Abdula at the Medina Mosque. Dr. Xxxxxx was asked if he had any contact with Abdul Rahman Barzanji. Dr. Xxxxxx stated that he knew Imam Barzanji, and that Barzanji had asked Xxxxxx's assistance. Dr. Xxxxxx went on to explain that Barzanji wanted to become a United States citizen. Dr. Xxxxxx first met Imam Barzanji at the El Cajon mosque. Dr. Xxxxxx said that this first meeting would have occurred before al-Hazmi and al-Mihdhar arrived at Dr. Xxxxxx's home as roomers. Imam Barzanji was the guest preacher at the El Cajon mosque and thereafter the guest of honor at a dinner in El Cajon.

At some point after al-Mihdhar left for Yemen, Dr. Xxxxxx became aware that Mohdar Abdula helped al-Hazmi get a job at the Texaco gasoline station in La Mesa, CA. Dr. Xxxxxx was disturbed by this employment because he knew that al-Hazmi did not have a work permit. Dr. Xxxxxx was concerned that the Immigration and Naturalization Service (INS) would find out about the employment and that it would reflect negatively upon Dr. Xxxxxx. Dr. Xxxxxx warned al-Hazmi that he could be deported if the INS determined that he was working without a work permit. Al-Hazmi did not appear to be concerned about this because Abdula was already employed at the gas station with other illegal workers. Dr. Xxxxxx told al-Hazmi not to discuss his employment at the gas station with him. Dr. Xxxxxx had previously asked al-Hazmi how he supported himself. Al-Hazmi replied that his father sent him money from Saudi Arabia. Dr. Xxxxxx stated again that Khalid al-Mihdhar did not control al-Hazmi's money.

Dr. Xxxxxx was asked if he knew or had met Eyad Kreiwish. Dr. Xxxxxx stated that he did not know this individual. Neither did Dr. Xxxxxx know Osama Mustafa. Dr. Xxxxxx did know Osama Owadallah. Dr. Xxxxxx first met Owadallah at the el Rabat Mosque, after 09/11/2001. This mosque is also known as the Saranac Street Mosque.

Dr. Xxxxxx was also very familiar with the imam of the Saranac Street Mosque, Anwar Aulaqi. Dr. Xxxxxx stated that Imam Aulaqi spoke excellent English, having lived in the United States for many years. Dr. Xxxxxx said that al-Hazmi respected Aulaqi, and told Dr. Xxxxxx that he (al-Hazmi) spoke with Aulaqi on a regular basis. Dr.

Commission Sensitive

no one lived at the house when al-Mihdhar and al-Hazmi were there; including the time that al-Hazmi was there by himself.

Dr. Xxxxxx was asked to describe the sequence of events when al-Hazmi left his house in December 2000. Dr. Xxxxxx said that several days before al-Hazmi left, he came to Dr. Xxxxxx and said that he was going to San Jose, CA. Al-Hazmi told Dr. Xxxxxx that he was going to take pilot training. He told Dr. Xxxxxx that he would need new tires for the automobile al-Hazmi owned. Dr. Xxxxxx had four new tires and gave them to al-Hazmi. Dr. Xxxxxx also bought al-Hazmi a leather jacket at Costco, as a going away gift. Al-Hazmi asked for the receipt, returned the jacket and took the money instead. Dr. Xxxxxx then helped al-Hazmi clean out his room. Al-Hazmi told Dr. Xxxxxx that he would leave on December 10, 2000, because that would be the end of a full month's rental period. Dr. Xxxxxx said that on the morning of December 10th, a male individual by the name of "Hani" came to his house. Dr. Xxxxxx does not know how Hani got to the house. Dr. Xxxxxx said that al-Hazmi told him Hani's name. Hani did not speak directly to Dr. Xxxxxx. Dr. Xxxxxx looked Hani over and decided that Hani was of mixed Arab ethnic background, maybe one half Yemeni. Dr. Xxxxxx was shown a visa photograph for Hani Hanjour and said that this was not the same individual. He stated that the male who came to his house had more hair, which was kinky, and a fairer complexion. This male had no moustache, and was approximately 5-7 in height. Hani and al-Hazmi left in al-Hazmi's automobile. Al-Hazmi stated to Dr. Xxxxxx, "Dr. Xxxxxx, I'm coming back, I'll see you." Several weeks after he left, al-Hazmi called Dr. Xxxxxx by telephone and told him that he (al-Hazmi) was in Arizona taking flight lessons. Al-Hazmi did not specifically say where he was in Arizona. Yazeed al-Salmi had visited al-Hazmi prior to him leaving but was not at the house when al-Hazmi left.

Dr. Xxxxxx next had contact with al-Hazmi when he sent Xxxxxx an E-mail. Al-Hazmi signed the E-mail "Samir," but Xxxxxx knew that the E-mail came from al-Hazmi because of the electronic address. Dr. Xxxxxx sent a reply to al-Hazmi, stating in part, "say hello to Hani."

Dr. Xxxxxx then related a situation that occurred when al-Hazmi was still living at his house. Dr. Xxxxxx was storing a 1991 Nissan for a friend of his, [REDACTED] who had traveled to the United Kingdom. [REDACTED] ran a printing company that went out of business. One of [REDACTED]'s printers was printing twenty dollar bills, unknown to [REDACTED]. Consequently, [REDACTED] decided to return to the United Kingdom.

Dr. Xxxxxx said that al-Hazmi brought to the house a teacher from Saudi Arabia. Accompanying the teacher were his parents, and brother. Al-Hazmi told Dr. Xxxxxx that the teacher was visiting the United States for three weeks, and wished to borrow the Nissan that was left with Xxxxxx. The teacher said that he had an international driver's license. Dr. Xxxxxx agreed to let the teacher use the car if the teacher purchased insurance to cover the period of time that he would be using the vehicle. The teacher used the Nissan and returned it to Dr. Xxxxxx. After the vehicle was returned, Dr. Xxxxxx was asked by Mohdar Abdula if he, that is Abdula could use the Nissan. Dr. Xxxxxx made the same requirement that insurance be purchased for the vehicle. Abdula

Put Britain on the List Of Terrorist Sponsors

The following memorandum, dated Jan. 11, 2000, was prepared for delivery to then-U.S. Secretary of State Madeleine Albright. It is a request to launch an investigation, pursuant to placing Great Britain on the list of states sponsoring terrorism. What appears below is less than half of the original memorandum, which originally was published in the Jan. 21, 2000 EIR....

This is a formal request for you to initiate a review of the role of the government of Great Britain in supporting international terrorism, to determine whether Britain should be added to the list of nations sanctioned by the United States government for lending support to international terrorist organizations....

It is our understanding that, while the Congress has given the Secretary of State broad discretion in designating a country as a state sponsor of terrorism, the legislative history of the House Foreign Affairs Committee and the Senate Foreign Relations Committee has specified seven criteria which should guide the Secretary's action.

These criteria are:

1. Does the state provide terrorists sanctuary from extradition or prosecution?
2. Does the state provide terrorists with weapons and other means of conducting violence?
3. Does the state provide logistical support to terrorists?
4. Does the state permit terrorists to maintain safe-houses and headquarters on its territory?
5. Does the state provide training and other material assistance to terrorists?
6. Does the state provide financial backing to terrorist organizations?
7. Does the state provide diplomatic services, including travel documents, that could aid in the commission of terrorist acts?

As of this writing, the State Department currently designates seven countries as state sponsors of terrorism: Iraq, Iran, Libya, Syria, Sudan, Cuba, and North

Korea. In the case of Syria, which is presently engaged in peace negotiations with Israel, the primary reason the regime remains on the list is that several designated Foreign Terrorist Organizations (FTOs) are headquartered in Damascus....

The Case of Great Britain

• In July 1998, a former British MI5 officer, David Shayler, revealed that, in February 1996, British security services financed and supported a London-based Islamic terrorist group, in an attempted assassination against Libyan leader Muammar Qaddafi. The action, Shayler charged, in an interview with the British *Daily Mail*, was sanctioned by then-Foreign Secretary Malcolm Rifkind....

• On June 25, 1996, a bomb blew up the U.S. military barracks in Dharan, Saudi Arabia, killing 19 American soldiers. The next day, Saudi expatriate Mohammed al-Massari, the head of the London-based Committee for the Defense of Legitimate Rights, was interviewed on BBC. He warned the United States to expect more terror attacks, which he described as "intellectually justified...."

Al-Massari is allied with the well-known Saudi expatriate Osama bin Laden, who, to this day, maintains a residence in the wealthy London suburb of Wembley. And London is the headquarters of bin Laden's Advise and Reform Commission, run by the London-based Khalid al-Fawwaz.

Bin Laden has been given regular access to BBC and a variety of major British newspapers, to spread his calls for *jihad* against the United States....

• On Jan. 25, 1997, Tory Member of Parliament Nigel Waterson introduced legislation to ban foreign terrorists from operating on British soil. His "Conspiracy and Incitement Bill," according to his press release, would have for the first time banned British residents from plotting and conducting terrorist operations overseas....

• On Feb. 14, 1997, Labour MP George Galloway succeeded in blocking Waterson's bill from getting out of committee....

• On Nov. 17, 1997, the Gamaa al-Islamiya (Islamic Group) carried out a massacre of tourists in Luxor, Egypt, in which 62 people were killed.... Yet, the leaders of the organization have been provided with political asylum in Britain, and repeated efforts by the Egyptian government to have them extradited back to Egypt have met with stern rebuffs by Tory and Labour governments alike.

On Dec. 14, 1997, British Ambassador to Egypt David Baltherwick was summoned by Egypt's Foreign Minister Amr Moussa and handed an official note, demanding that Britain "stop providing a safe haven to terrorists, and cooperate with Egypt to counter terrorism...."

Groups Banned by United States Are Headquartered in London

Shortly before the Luxor massacre, on Oct. 8, 1997, the U.S. State Department, in compliance with the Anti-Terrorism Act of 1996, released a list of 30 Foreign Terrorist Organizations (FTOs), banned from operating on U.S. soil.

Of the 30 groups named, six maintain headquarters in Britain. They are: the Islamic Group (Egypt), Al-Jihad (Egypt), Hamas (Israel, Palestinian Authority), Armed Islamic Group (Algeria, France), Kurdish Workers Party (Turkey), and the Liberation Tigers of Tamil Eelam (Sri Lanka)....

Similarly, the Algerian Armed Islamic Group (GIA), which was responsible for the assassination of Algerian President Mohamed Boudiaf on June 29, 1992, has its international headquarters in London....

The Liberation Tigers of Tamil Eelam (LTTE), known as the "Tamil Tigers," have carried out a decade-long terror campaign against the government of Sri Lanka, in which they have killed an estimated 130,000 people. In addition, LTTE was responsible for the suicide-bomber murder of former Indian Prime Minister Rajiv Gandhi on May 21, 1991, and the similar assassination of Sri Lankan President Ranasinghe Premadasa on May 1, 1993.

Since 1984, the LTTE International Secretariat has been located in London....

In the case of the Kurdish Workers Party (PKK), the British government played an even more direct role in supporting the 17-year war against the Turkish government by the Kurdish separatists. An estimated 19,000 people have been killed in Southeast Turkey since the PKK launched its terror war in 1983. In May 1995, after the PKK was expelled from Germany, for seizing control of Turkish diplomatic buildings in 18 European cities, the British government licensed MED-TV in London, through which the PKK broadcasts four hours a day into its enclaves inside Turkey, and all over Europe. In a March 1996 broadcast, PKK leader Apo Ocalan called for the execution of German Chancellor Helmut Kohl and his Foreign Minister Klaus Kinkel. And when the PKK held its founding "parliament in

exile" in Belgium in 1995, three members of the British House of Lords either attended or sent personal telegrams of endorsement. The three were Lord Hylton, Lord Avebury, and Baroness Gould.

The same Lord Avebury has been an active backer of the Peru Support Group in London, which has served as a major international fundraising front for the Peruvian narco-terrorist group Shining Path (Sendero Luminoso). When Adolfo Héctor Olaechea was dispatched by Shining Path to London in July 1992, to establish the "foreign affairs bureau," he received a letter of recognition from Buckingham Palace, which he circulated widely....

In addition to the six FTOs that have their headquarters in Britain, an additional 16 groups on the State Department's 1997 list either receive funding from groups based in Britain, or receive military training and logistical support from groups operating freely from British soil.

The 'Fatwa' Against American Targets

On Feb. 10, 1998, a group of well-known London-based "Islamists" and Islamic organizations issued a *fatwa*, calling for terrorist attacks against American targets....

On Feb. 23, 1998, a second *fatwa* was issued, entitled "World Islamic Front's Statement Urging Jihad Against Jews and Crusaders." It called for killing Americans because of their "occupation of the holy Arab Peninsula and Jerusalem" and their "oppressing the Muslim nations," and concluded, "in compliance with God's order, we issue the following *fatwa* to all Muslims: The ruling to kill the Americans and their allies—civilian and military—is an individual duty for every Muslim who can do it in any country in which it is possible to do it...."

The two *fatwas* were the subject of testimony by an official of the Central Intelligence Agency on Feb. 23, 1998, before the Senate Subcommittee on Terrorism, chaired by Sen. John Kyl (R-Ariz.). At Senator Kyl's request, the CIA Counterterrorism Center provided the subcommittee with a declassified memorandum, titled "Fatwas or Religious Rulings by Militant Islamic Groups Against the United States." The memorandum stated that "a coalition of Islamic groups in London, and terrorist financier Osama bin Laden, have issued separate *fatwas*, or religious rulings, calling for attacks on U.S. persons and interests worldwide, and on those of U.S. allies...."

Two days before the Aug. 7, 1998 bombings of the

U.S. embassies in Dar es Salaam, Tanzania and Nairobi, Kenya, the Islamic Jihad issued a declaration, targeting American interests all over the world. The communiqué accused the CIA of cooperating with Egyptian officials to capture three members of the group in Albania, and extradite them to Egypt where they faced prosecution on capital offenses.

Within hours of the two bombings, a number of London-based groups issued endorsements of the bombings....

Formal Diplomatic Protests to London

This British harboring of international terrorist groups has not gone unnoticed by the nations that have been the targets of this brutality. To date, the British Foreign Office has received formal diplomatic protests from at least ten victimized countries. These include:

Egypt: In April 1996, Egyptian Interior Minister Hasan al-Alfi told the British Arabic weekly *Al-Wasat*, "All terrorists come from London. They exist in other European countries, but they start from London...."

France: In late 1995, the GIA's London headquarters ordered a terror war against France, leading France to loudly protest to the British government, according to the Nov. 6, 1995 London *Daily Telegraph*, in an article entitled "Britain Harbours Paris Bomber." On Nov. 3, 1995, the French daily *Le Figaro* wrote, under the headline "The Providential Fog of London," of the GIA's bombing spree: "The trail of Boualem Bensaïd, GIA leader in Paris, leads to Great Britain. The British capital has served as logistical and financial base for the terrorists...."

Algeria also filed strong protests to the British Foreign Office over the harboring of the GIA in London.

Peru: The Peruvian government has made repeated requests to the British government, since 1992, demanding the extradition of Adolfo Héctor Olaechea, the London-based head of overseas operations for Shining Path, as well as the shutdown of its fundraising and support operations there. Both requests have been refused to this day....

Turkey: On Aug. 20, 1996, the Turkish government formally protested to the British government for allowing the Kurdish Workers Party to continue its London-based MED TV broadcasts into Turkey, despite documentation that the broadcasts were being used to convey marching orders to PKK terrorists there.

Germany: The Bonn government issued a diplomatic note to London, too, following a March 1996

MED TV broadcast in which PKK leader Apo Ocalan called for murdering German Chancellor Kohl and Foreign Minister Kinkel.

Libya: On Feb. 7, 1997, the Libyan Foreign Ministry submitted an official protest to the British government, over Britain's permitting of the Militant Islamic Group to operate on British soil....

Nigeria: On Feb. 28, 1997, the British government issued a denial that it had refused to extradite three Nigerians suspected of a series of bombings in the major city of Lagos in January 1997. The three men were leaders of the National Democratic Coalition (Nadeco).

Yemen: In January 1999, the government of Yemen filed formal diplomatic protests with Britain for the harboring of the terrorists who carried out bombings and kidnappings.

Russia: On Nov. 14, 1999, the Russian Foreign Ministry filed a formal protest to Andrew Wood, Britain's Ambassador in Moscow, after two Russian television journalists were brutally beaten as they attempted to film a London conference, where bin Laden's International Islamic Front, Ansar as-Shariah, Al-Muhajiroon, and other Islamist groups called for a *jihad* against Russia, in retaliation for the Russian military actions in Chechnya.

On Nov. 10, 1999, the Russian government had already filed a formal diplomatic démarche via the Russian Embassy in London, protesting the attacks on the Russian journalists, and also the admissions by Sheikh Omar Bakri Mohammed, the head of the "political wing" of the bin Laden organization, al-Muhajiroon, that the group was recruiting Muslims in England to go to Chechnya to fight the Russian Army. On Nov. 20, 1999, the *Daily Telegraph* admitted, following the release of the U.S. State Department's updated list of Foreign Terrorist Organizations, that "Britain is now an international center for Islamic militancy on a huge scale ... and the capital is the home to a bewildering variety of radical Islamic fundamentalist movements, many of which make no secret of their commitment to violence and terrorism to achieve their goals."

India: In December 1999, following the conclusion of the Indian Airlines hijacking, the Indian government protested the fact that British officials publicly stated that they would allow one of the freed Kashmiri terrorists, Ahmed Omar Sheikh, to return to London, because there "were no charges filed against him in Britain." The British government, facing growing international pressure, apparently has backed down from this decision.

A SEQUEL ON ECONOMICS AS SCIENCE:

The Rule of Natural Law

by Lyndon H. LaRouche, Jr.

June 21, 2009

*During my most recent return flight from Europe, I employed the leisure time so afforded me, to outline a number of topics which are to be considered as more or less mandatory sequels to my **Economic Science, in Short**. In this way, more on the subject of the principles of the individual's human creativity came out at the top of that list of either amplified, or added topics. When the matters before us here are reconsidered in that way, our primary subject for economics, in particular, and, science as a whole, becomes natural law, as opposed to presenting the same topics in the terms of reference of the currently popular, virtually Cartesian sort of imperialist obscenity which is usually presented in the name of "international law."*

The item which I elaborate here, is to be considered as the next in a sequence of contributions to the urgently needed account of the identity of those universal physical principles of human creativity which should now subsume virtually all competent studies of economic processes. However, it must also be said on that account, that this principled aspect of the appropriate practice of society's economic behavior, is to be considered as a subsumed feature of the true nature of mankind's existence in the universe, the nature of man's obligation to serve the mission of truly universal, "non-mathematical," natural law.

INTRODUCTION:

Substance Versus Shadow

Contrary to any remaining, wishful, contrary views on the current world situation among nations presently, the present world monetary-financial system has already entered fully into a now accelerating process of a general physical-economic breakdown-crisis. There is presently no nation which is presently exempt from the presently accelerating dive into doom. This present state of affairs would not have been inevitable, had the U.S. Government accepted those reforms which I detailed during the interval of July-September 2007. *The presently oncoming disintegration of the economies of*

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Alan Foster

It was Benjamin Franklin's mastery of the universal principles of human creativity which permitted him to play his indispensable role in establishing the American Republic. Here, a painting of Franklin playing his invention, the glass harmonica (by Alan Foster, 1926).

all among the world's present nations, is to be blamed entirely on the refusal of those nations, especially the U.S.A. and its principal adversary, the British empire, to accept the reforms which I had prescribed during that July-September 2007 interval.

What I had proposed in that July-September interval, was, essentially, a change from what had been, all along, a trend of monetarist-driven, *scientific incompetence* of the economic policies of practice, of all among those nations of this planet which had based their doctrines of practice on the intrinsically pathological, axiomatically malicious presumptions of such ideologues as John Locke, Adam Smith, Jeremy Bentham, and also apologists for their malicious lunacies, such as Karl Marx.

Therefore, the indispensable intellectual remedies on which salvation of civilization immediately depends, must be premised on relevant scientific methods and

conceptions which are systemically contrary to the practical implications of the presently prevalent, reductionist qualities of academic doctrines and related economics practices. It is those beliefs, which are generally accepted among governments still today, which are the infection expressed as the present, planetary, terminal pandemic of economic policies, policies which are, in themselves, the diseases from which the world's other present calamities have been derived.

Consequently, without considering precisely those issues of scientific method and principle which I have addressed in the referenced, preceding writing, and that I shall have added here, there could be no rational comprehension of those methods of immediately applied reform, without which, no remedy from an immediate, planetary plunge into general breakdown of the present economies of all nations, could be secured.

So, the underlying theme of the relevant preceding work, *Economic Science, in Short*, had been, that to understand our universe, we must reverse the customary, vicious error of classroom mathematics, to emphasize mathematics as being merely an auxiliary, subordinate doctrine, which has been superimposed formally upon physical science; we must no longer emulate the famous hoax of such as Euclid, as by adducing the notions of physical science from an essentially, merely deductive, *a-priorist* mathematics. We must view the universe as a

whole, from its "top, down," from the appropriately superior role of the creative powers of the individual human mind, at that top, rather than as defined from the very foggy bottom of reductionist mathematics, such as Euclidean a-priorism, and statistics.

This indispensable correction must be, viewing the universe from the creative powers of the human mind, as superior to life, and life as superior to non-living processes, looking downwards, as I do here. This must now be policy, as by me, among others, through emphasizing the crucial lesson to be adduced from Academician V.I. Vernadsky's systemic distinctions of seeing the universe top-down, with the abiotic domain at the bottom, the Biosphere, higher, and both of those, in turn, as subordinated by that Noösphere which dwells, by destiny, among the stars. In doing that, I followed the precedent set by the founder of modern physical sci-

ence, Cardinal Nicholas of Cusa, as in Cusa's keystone work on physical science, his *De Docta Ignorantia*. The sum-total of the work of Academician Vernadsky, when so viewed, has actually preceded in the order of the human mind, at the top, and below them, next, life, and then pre-life, always rejecting the systemic wrongness of subsuming life and humanity as subordinates-in-practice of mathematical notions of the abiotic as subsuming, first, life, and, after that, what should have been recognized as the superior power and authority of human reason expressed in the likeness of the Creator, over all of the rest.

The kernel of my approach in that work, what has become my life-long devotion, from the start of a witting commitment to this mission for my adult life, since about the time of my post-war experience in India, during 1946, to a long-needed effort, was that we must free our culture from the tyranny of both British imperialism and both *a-priorist* Euclidean geometry and kindred reductionist systems of mere mathematics, by adopting a system of thought rooted in defining those creative powers specific to mankind, powers which I came to recognize, later, as being exemplified by the discovery of the concept of universal gravitation by Johannes Kepler, a Kepler who was, on this account, the follower of that Cardinal Nicholas of Cusa who had been, in turn, the principal founder of the guiding conceptions of all competent expressions of modern science.

To this effect, I have emphasized, as I did in rejecting the lunacies of Bertrand Russell's clones Professor Norbert Wiener and John v. Neumann, that the first step toward scientific competence, is to be located in the creative powers expressed, uniquely, by the human species, as distinct from all other living species, *powers which are not expressed, essentially, in mathematical systems as such, but, rather, in those creative powers of the human mind specific to Classical artistic composition, such as Classical poetry.*

On this account, within the referenced antecedent writing, I emphasized not only that the creative powers of scientific and related discovery are situated, not within mathematics, but within the Classical artistic powers, as those of Classical poetry and music. I also emphasized, that the comprehension of this point which I have just restated here and now, depends upon the freeing of the specifically creative powers of the human mind from the habits associated with sense-certainty, by locating the actual human identity of the individual person in its expression as within the frame of Classical poetry.

As I had insisted, once more, in that location, that the fatal flaw in the prevalent view of physical science as "mathematical," or, worse, "statistical," lies in the failure of the credulous to recognize not merely the fact, but also the crucial implications of the role of the human powers of sense-perception as being merely instruments in the same sense as any laboratory instruments and their like. Instruments such as mere sense-perception, are systems which do not show us the reality of the universe which we inhabit; but, rather, show us some shadows cast by reality, rather than the actual relevant object of the experience. Our task is to decode those shadows, as the Christian Apostle Paul warned in his *I Corinthians*, 13.

True science, like Classical poetry, is defined by devotion to discovering those higher states, which are true reality.

I have therefore emphasized, as I have done again in this present report, that actual human knowledge lies in a reality which is *not seen directly* by our mental sense-apparatus, but, rather, is to be found, more directly expressed, only in that domain of the anti-reductionist, creative imagination associated with the type of Classical poetry.

Such is the nature of true law among nations, as distinct from, and opposed to those perverted notions associated with the term "the positive law," the latter a term which is a product of the heritage of the conception of imperial pagan law, such as the intrinsically imperialist depravity of Roman Law.

False Notions of Law

So, I emphasized, that under the customary procedures in negotiation among nations generally today, the true meaning of what is presently called "international law" is to be properly identified, instead, as "imperialist law," or, as that British positive law derived from the heathen Liberalism of Paolo Sarpi, a Liberalism which all true patriots of our United States have hated and defied, since the founding of what became our anti-imperialist republic. The particular such evil of Liberalism, which is often uttered in the abused name of law today, is, as under the rule of such empires of the past and present as the ancient Roman Empire, or the modern British empire of former Prime Minister Tony Blair, is a depraved notion of law, whose assumption is that of a "behaviorist's" notion of a kind of man-made universal law uttered as a replacement for, and also displacement of the natural law.

As I summarized the case in *Economic Science, in Short*, from the setting of the Peloponnesian War, through the Roman Empire and its Byzantine sequel, and through the dominant role of the Venetian domination of the international monetary systems of Europe and beyond, to the present moment, the world's political systems, excepting, chiefly, the best intervals of the history of our own United States, have been controlled by superimposed monetary systems. Only the Hamiltonian principle of sovereign national credit specification of the constitutional intention of the U.S.A.'s American System of political economy, has been a significant exception to the centrally dominant role of the imperial power of the European, traditionally Venice-centered monetary system over the world as a whole, that during all but a few exceptional intervals, as under U.S. Presidents Lincoln and Franklin Roosevelt's role during their Presidencies.

It is the extreme decadence of that London-centered monetary system which permeates and pollutes the entire world with its supremacy since the treasonous wrecking of the U.S. dollar during 1968-1973, which has made possible not only the continuing physical-economic decline of the world as a whole, since the 1973 launching of Anglo-Saudi oil-price swindle of 1973-2009, but, later, the even wilder insanity launched under the control of the U.S. economy by Britain's flunkey, Alan Greenspan, as Chairman of the Federal Reserve System.

As a result of that history, the world as a whole exists today as a victim of accumulation of a virtual worldwide hyper-inflationary monetary "bomb" building up under what is currently the greatest rate of deflationary collapse of real production and income of every nation of the world as a whole. The present world monetary-financial system is now going out of existence, soon, while the physical economies of nations are at the brink of a general, complete physical breakdown-crisis of the planet in its entirety.

The only remedy available for all, or any national economy of the entire world today, is the cancellation of the present world monetary systems through an ordered action of bankruptcy of all monetary systems, through a prompt, concurrent reorganization in bankruptcy, through the entire replacement of all monetary systems by the cooperative installation of a system of cooperating nation-states in launching a fixed-exchange-rate system based on a treaty organization assembled from among perfectly sovereign national credit-sys-

tems of the type inherent in the U.S. Federal Constitution.

The lawful mechanism for bringing this rescue-action about is the same principle of natural law adopted by the U.S. Federal Constitution. The authority for determining credit, prices, and guaranteed national credit for physical-economic development must come from relevant principles of natural law. The implementation of such a rescue of the nations, must be crafted on the foundation of the notion of a physical economy, rather than a monetary system. This must be based on a notion of natural law which expels monetarism.

This requires some discussion.

Otherwise, without that reform, the present situation of the nations of the world is a hopeless one, for generations still to come.

All hangs, therefore, on an adequate grasp of that meaning of "natural law" which I supply here.

Leibniz's Natural Law

What saved me from the mistakes of my more important rivals among economists, has been, first of all, the influence of Gottfried Leibniz on me from about the age of 14-15, and, later, since my embrace of it by January-February 1953, principally, Bernhard Riemann's work, his 1854 habilitation dissertation, most emphatically.

Principles of natural law also apply to situations defined by one or another form of combat, as in this case of combat between the present world monetary system, which menaces all mankind, and the opposing force of an economy based on a physical principle of natural law.

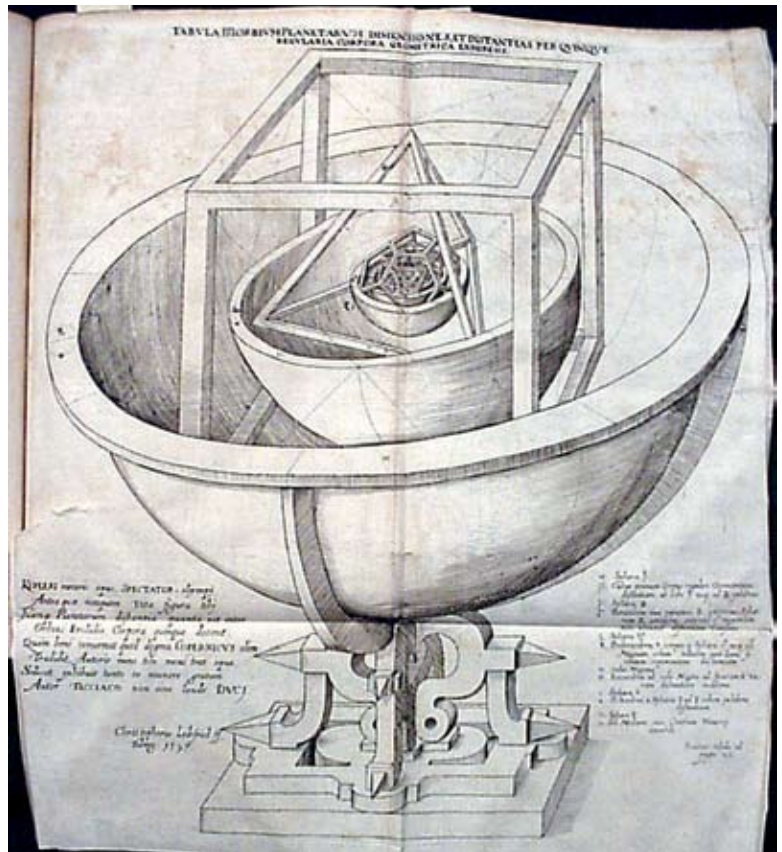
The proper standard of law for the use of the term "natural law," is that it meets the requirement of being a body of "discovered," rather than "positive" law, as, similarly, in an anti-empiricist mode in physical science, as typified by Johannes Kepler's uniquely original discovery of the principle of Solar gravitation. As, similarly, in the case of the uniquely original discovery of the principle of universal gravitation by Kepler, the discovery of the generation of a previously existing natural law, which is also a natural law which is contrary to the opinions of all silly academic dupes who believe in the mere myth of an alleged discovery of gravitation by the silly Sir Isaac Newton.

What has been merely alleged to have been Newton's formula, which was essentially a plagiarist's copy of the mathematical expression of characteristics already as defined, uniquely, by Johannes Kepler, was ad-

opted by “the Brutish” ideologues, as a convenient image of the effect of gravitation, an image which they copied from Kepler’s original work, while saying nothing of the way in which the discovery of the effect known as that form of image had been defined by Kepler. True physical laws are not mechanical-mathematical contraptions added to a Cartesian repertoire, such as those of the same foolish, Cartesian fantasy permeating British empiricist doctrines respecting science still today. As Albert Einstein emphasized, gravitation as it was defined uniquely by Kepler, reflects a power which contains the physical universe as a conceptually finite oneness, a universe as if contained by a principle of universal gravitation. That formulation for expressed gravitation, is a reflection of the finiteness of the universe, as Einstein recognized this implication of what had been, uniquely, Kepler’s discovery.

President Barack Obama, for example, is not a morally decent sort of lawyer, a fact which his practice, since his entering the office of the U.S. President, has fully demonstrated to have been a grievous fault in either his nature, his development, or both. His is a radically egotistical, false law of the narcissist, one of the type of the reckless, feckless, and immoral gambler, the pirate’s law called “winner take all.” Only his utter defeat in his reckless, immoral enterprises could bring that fault under some significant degree of civilized control.

In fact, in his special case as representative of such a type, his moral and intellectual disabilities have been shown to be, essentially, those of a man suffering from what is to be classed, specifically, as of the variety of narcissist classed as the victim of “a Nero Complex.”¹ This nature of his personal disability, has been shown most prominently since his own, and his wife’s visit to meet with the Queen of England and with the Queen’s husband, Prince Philip, who is a leading proponent of the pro-genocidal cult of flagrantly anti-science lies known as the World Wildlife Fund. I refer to a fault conceived in Obama’s caricature of himself, which is not only akin to that of the Nazi dictatorship in Germany, but, as Obama’s proposed “health reform” shows, is a



Johannes Kepler met the standard of natural law by “discovering” the principle of Solar gravitation, with the aid of his concept of the universe in terms of Plato’s regular solids. His heuristic model of the inscribed solids is shown here.

product, and faithful copy of the same British cult from which the infamous pro-genocide, 1939-1945 practice of the Hitler regime was originally derived, then, as now.

There can be no competent doubt of the President’s personal moral and intellectual incompetence for the office to which he has been elected, once we have taken into account his adoption of the Hitler-echoing doctrines of his retinue of so-called “Behaviorist economists,” as expressed by his reliance upon his retinue of the morally and intellectually depraved, such as Larry Summers and Peter Orszag.

From a Judeo-Christian View

What I have just written here in these foregoing, opening paragraphs of this report, thus far, is said from the standpoint of a truly natural law, as the essence of the Mosaic tradition and Christianity typify that which converges, in practice, upon an expression of what we

1. LaRouche LPAC webcast, April 11, 2009, www.larouhepac.com.

must regard as an expression of natural law, in effect: I refer, thus, to the natural relationship of the needs of the human immortal personality to the requirements of the Creator of the Universe, as the first chapter of *Genesis* typifies this, as being the natural moral requirements for a proper human existence.

In contrast to the moral and intellectual failures of President Obama, the discovery of universal physical principles, such as Johannes Kepler's uniquely original, and uniquely valid principle of gravitation, typifies those matters which fall under the categorical conception of *a body of natural law*. However, this is the case today precisely as an outcome of the fact, that Kepler's discovery was rooted in the work of the great modern scientist and theologian Nicholas of Cusa's definitions of those principles of natural law from which Kepler derived his subsumed, uniquely original and valid discovery of gravitation.

Natural law, so defined, is the only principle of law rightfully imposed upon a nation and its elaboration of a morally tolerable form of positive law; all decent law is, thus, premised on this conception of all mankind, as a species, as made in the principled likeness of the Creator. This same notion was delivered to the formation of our own republic, through Gottfried Leibniz's influence, in his condemnation of the evil of John Locke's active promotion of Africans' slavery. Leibniz emphasized the necessary shaping of what we adopted as our constitutional law of the Declaration of Independence and the Preamble of our U.S. Federal Constitution. That Constitution has served, from its launching, as the model of the international law which was adopted as the basis for the existence of our Federal Republic, and the foundation of any international law tolerable to our republic.

For example, our U.S. Constitutional law was derived chiefly, and most directly, from the influence of Leibniz's contributions to universal science, in opposition to the intrinsic depravity of the notions of law associated with the British Empire's adoption of the evil, Ockhamite tradition of Paolo Sarpi, and, from what was so derived from that same root of medieval Ockhamite irrationalism, such as the pro-slavery dogma of John Locke, or the utter depravity of Adam Smith and Jeremy Bentham.

Such is the view from the standpoint of our own republic's notion of the natural law, a natural law which coincides with the affirmations presented in the great U.S. Constitutional principle, of human happiness, that

of Leibniz, which we meet at the center of our Declaration of Independence and the Preamble of our Federal Constitution. It is a notion which has been in deadly opposition to that opposing, imperial tradition of law, against which our patriots fought, against the evil oppression and perversion of law which has been the law and contemporary offshoots of the merely positive law of the British Empire, such as that of Adam Smith's obscene *Theory of Moral Sentiments*, and in the center of our republic's rejection of those obscene adversaries of the true natural law.

So, if we continue the argument for discovered natural law, rather than what is known and concocted as the merely concocted choice of positive law, we come to the aspect of natural law which sets the human individual apart from the beasts, as from the British imperialists, and their Roman imperialist predecessors, alike. The proper ruling law of the U.S.A., for example, is the natural law as expressed by our 1776 Declaration of Independence, and, as the Preamble of our Federal Constitution expresses influences consistent with that relevant opinion of Gottfried Leibniz which is embodied in our U.S. Declaration of Independence.

This, our republic's founding principle, was derived from the notion of natural law for mankind in the universe, and was adduced as consistent with Leibniz's specified distinction of a body of law which opposed contrary conceptions, especially those implicitly imperialist conceptions of a merely positive law which were demanded by such pro-Satanic spokesmen for the British Empire today, as former British (or, perhaps, better said, "brutish") Prime Minister Tony Blair. Contrary to the evil sophist Blair and his like, our republic's constitutional law is not a positivist's law, but *a body of discovered universal law*, as in the same sense of that as is given to us by the example of the discovered universal physical principles of science.

The Matter of Physical Science

Keep that image in mind. The future of the universe, and of mankind within it, is brought forth, in each forward step, by a higher authority than anything previously presumed to be known. In this matter, it is not such law which has been limited, thus far; it is mankind's knowledge of that open body of law which is limited. This discovery of an already needed, newly discovered principle of the universe, and of human behavior within it, always comes from outside of that which had been viewed, mistakenly, earlier, as being



Albert Einstein, shown here with his beloved violin in the New Synagogue of Berlin in January 1930, represented the higher standpoint in science, as expressed by Leibniz's concept of dynamics.

already completely predetermined. That is the proper general definition of human creativity, which proceeds not to completeness, but to the discovery of the perpetual incompleteness of our progress in dealing with both our experience and knowledge to date, and also with the revolutionary evolution of the universe itself to higher states of being.

That distinction is the approach which will bring us to that higher standpoint in science, where we gain the knowledge required to assure our continued efforts on behalf of the existence of mankind. That is the outlook which I present in these pages. The proof of the point is to be made relatively clearer, as follows.

By "higher standpoint," or, in the alternative expression, "underlying," I am pointing, as I shall explain, again, here, at a later point, to an open-ended approach to higher expressions of that concept of dynamics, as dynamics was defined for modern science by Gottfried Leibniz, or by the haunting, "tensor-like" conception represented by the concluding paragraph of Percy Bysshe Shelley's *A Defence of Poetry*.²

2. Essentially, Leibniz's *dynamics* (*Specimen Dynamicum*, 1695) echoes the *dynamis* of the Pythagoreans and Plato, and also anticipates the conception of the physical principle of the tensor, as by the leading

As I had emphasized in my just published *Economic Science, in Short*, Academician Vladimir Ivanovich Vernadsky, of Russia and Ukraine, has supplied those relevant discoveries of his conceptions of the natural partition of physical space-time among the phase-spaces of the abiotic, Biosphere, and Noosphere. In his bringing modern science, thus, to a higher standard for the sense of a universal body of natural law, he went outside, beyond, and above what had been mistaken for completed knowledge earlier. These three universal phase-spaces represent a certain set of which all are of crucial relevance at this time of the present world crisis. It is the Noosphere which expresses that principle of universality by which the universe is directed, top down. It is in such progress into matters not known to practice earlier than that, through which mankind rises out and away from impending doom, to the relative security of a higher state of human existence than had existed before.

That might be restated as follows.

Genesis!

The connection which was often missed in the effort to adduce the practical implications of the singularly awesome, opening chapter of *Genesis*,³ has been missed as the result of a lack of an adequate comprehension of that specific significance of the same notion of creativity per se which I have presented as the keystone feature of that leading work just published earlier on this same subject: the subject of the specific uniqueness of human creativity as contrasted with the essential quality of any other known form of inanimate or living existence.⁴

work of Bernard Riemann, Albert Einstein, and Academician V.I. Vernadsky. For the significance of dynamics in social processes, as for Shelley, see relevant references below.

3. I do not include the "Adam and Eve story" in this characterization; rather, I attribute that to a hostile, Mesopotamian genesis. It is also notable, that the actual universe is neither "completed" in any way, nor can it be completed. The actual universe is anti-entropic, and, as Albert Einstein emphasized, never completed, or completable in any prevalent sense of the term "completed," today. The notion of "completed" is an expression of an *a-priorism* which is merely typified by the fraudulent assumptions of Euclid, as also similar varieties of reductionist *a-priorism*.

4. As I have emphasized elsewhere, creativity does exist within the Biosphere, as this is expressed by the emergence of successively higher orders of living plant and animal. Creativity expressed by the human will, which is my point here, occurs among no known living species other than mankind.

Therefore, here, I emphasize the continuing significance, for this present and subsequent publications, of my decision to include the appended “In Short” in the title of the preceding published work. My intent here is to emphasize that that piece, when considered as a whole, provided a truthful account, but only as in a summary of what is still required for a continuing series of extended treatments of those topics which I identified there, as I do, again, now.

The further elaboration of one, crucially important example of that notion, is required for treating a particular aspect of the subject of creativity, an aspect now treated more fulsomely in this present location. This present writing here, also precedes anticipated, subsequent publications which, when written, will have presented a series of comparable treatments of some highly relevant, other leading topics identified, in a preliminary way, in that completed set of relevant earlier pieces.

The mission so defined, is the role of mankind in the specific labor of developing the universe itself to higher states, that according to the mission for man and woman implicitly specified in the opening chapter of *Genesis*.

During the brief time in which the already completed, introductory report of this series has been in circulation, the “In Short” part of the title of that report, has already attracted what I had intended to provoke as a certain, fruitful kind of anxiety about certain matters. As I have just indicated here above, that work was composed to provoke as much anxiety about more or less popular, false assumptions, as it did answers. It was essential to the intended end-result, to promote and sustain, a state of internal intellectual tension which should serve as an introduction to the following, present, in-depth treatment of my launching of what is a matter of presently great importance for the benefit of mankind as a whole, and in the matter of a science of physical economy, in particular.

So, this current work in progress, when considered as a whole, was intended, in effect, to lead to a needed, more fulsome presentation of each of the collateral topics which I have invoked, in presenting the urgent need for presenting a science of physical economy, not merely as a long overdue change in outlook, but what must now replace what has now become, almost entirely, the disastrously failed, present methods otherwise extant in the professionals’ practice of political-economy, in the policies of all nations, everywhere, today.

The Trouble with Popular Opinions

The follies permeating the current, egomaniacal policy-shaping of a Nero-like President Barack Obama, and the already ruinously foolish performance met in all the work of his predecessor, are key elements of the presently extreme case of a trend in economic and social policy-shaping which has become an absolute disaster, for other nations as also our own—indeed, for our planet as a whole. This has been the ugly trend toward a new rise of fascism in the Americas and Europe, today, even globally, since, in fact, about the time of the March 1, 1968 turn in economic affairs, which accompanied the emergence of the full-blown, venereal, Dionysian rage of fascism which was only typified by the 1968-69 role of Mark Rudd at Columbia University and related environs, increasingly, during the remainder of that and the following years, up to the present day.

It is important to emphasize, that I have been provoked to this present step of a radical revision of all existing national economic systems, out of my decades-long progress as being what is, in fact, presently, a leading known economist: probably, by standards of performance in forecasting, the leading economist in the world today. My emerging role to this present effect, came through a variety of converging current circumstances, including the issues posed among serious, presently working economists, and others similarly occupied, for the presentation of a new, general conception of the principles of a science of physical economy. Those sequels, such as this in progress here, must be called into general use, if a successful, much-needed, and very radical change in the practice of “economics” is to become available now.

Although the already published portion of my still ongoing recent work to this effect, has included a certain amount of reference to the roots and role of creativity in any possible form of human society, what I had provided up to this moment, while accurate as far as it goes, has been only preliminary with respect to what remains to be done, stepwise, in the relatively immediate future. At this same time, the world is confronted with the urgent need for doing a bit more than to simply put a presently bankrupt world into some urgently needed form of reorganization, as I had proposed just such a relatively immediate remedy, for my own part, quite successfully, during July-September 2007. The wildly insane measures taken, by the U.S. government, and also relevant other leading national powers, since September 2007, have created what has now become a



The outbreak of Dionysian rage in 1968-69, as epitomized by provocateur Mark Rudd at Columbia University (shown here), represented a turning point toward fascism, and an abandonment of a commitment to principled science

global disaster for all humanity, a development which has now gone beyond any tolerable limit for every part of humanity as a whole. The time for mere reform has passed; the time for a revolution in the notion of economy, has arrived. On this account, what is urgently needed, as I have already emphasized here, is something which is not merely a reform, but an entirely new way of thinking about economy. That is my duty and intention, as expressed again here.

The mission here may be summed up fairly, as follows.

The Franklin Roosevelt Legacy

The presently onrushing, monstrous failure of the world's economy in general, throughout the sweep of the time since what has been shown to have been the calamitously premature death of U.S. President Franklin Roosevelt, and up to the time of the presently onrushing, global breakdown-crisis of the world at large, compels us to adopt what are, for nearly everyone today,

fundamentally new conceptions respecting economy in general. There are new conceptions respecting new kinds of relations among national economies, novelties which must now be overthrown entirely, many among which have been long considered as axiomatic truths, but are, as they have been now shown to have been, the presently, brutally failed principles which had come, unfortunately, to be generally accepted among nations.

The notion of formal, deductive systems, as often supplied as a substitute for creative science, confines the mind to that deductionist's prison, called sense-certainty, such as that of the founders of a modern reductionist, positivist, or even worse mathematics which have been adopted, in practice, as a replacement for actual science. They are typified, still today, by the earlier attacks on Leibniz by such perverts as the followers of Abbe Antonio Conti and Voltaire, such as Abraham de Moivre, D'Alembert, the scoundrel and turncoat Leonhard Euler, Adrien-Marie Legendre, Pierre-Simon Laplace, Augustin Cauchy, or Rudolf Clausius and Hermann Grassmann, and London-linked Hermann von Helmholtz.

The essence of competence in science, mathematical or otherwise, is to recognize the smell of intellectual death in such as the work of Aristotle, Aristotle's scoundrelly heir Euclid, or all others who rely upon an a-priorist, deductive model in place of, and in opposition to that process of overthrowing of all deductive systems, a process upon which competent Classical poetry and science depend absolutely.

The notion of a purely mathematical physics, as by the adversaries of Leibniz, Einstein, and others, hangs upon the legacy of the *a-priorist* followers of Aristotle, such as Euclid.⁵ From this legacy, and expressed by the even more radical corruption of the Ockhamite followers of Paolo Sarpi, comes the modern European mental illness known as an essentially deductive mathematics with its notion of the proximate "completeness" of a sufficiently extended array of present, formal mathematical systems.

Therefore, the satanic Olympian Zeus, and all his Delphic-like doctrines, be damned; I begin with the most essential of those topics which were identified in the previous paper's summary of the nature and role of the creative powers of the human mind in defining a physical economy.

5. This is not to speak of the more obscene systems of belief and practice familiar to the earlier Middle East.

The significance of what I have condemned as that widespread popularity of the notion of the science achievable through a search for consistency of mathematics through deductive extension, is the pathology of which science, together with the *New York Times* style book, must be cleansed, in order that honest creativity might be freed from the inherent, corrupting stagnation of the contemporary formalists.

I. An Essential Recapitulation

To get down directly to the chief business at hand, when we view the present worldwide situation rightly, we appear to be, already, throughout this planet, at least arguably so, now almost as much as doomed and dead; that becomes a certainty, if presently prevalent trends in opinion about science, such as the obscene, virtually Satanic, genocidal lie of “global warming,” are permitted to be continued. This is not for reason of the currently surging global pandemic, a pandemic which may, or may not be chiefly from “natural causes.” The character of the problem is, that it reflects the deteriorated, general physical conditions of life which recently, or, currently prevalent politics, have brought down upon the planet as a whole, especially since the global, existentialist, moral catastrophe of Spring 1968.

The foul corruption responsible for this condition, has been fostered under the present global circumstances of a general monetary and physical-economic breakdown-crisis, a crisis radiating from the global system of monetarist powers centered in the evil radiating from the virtual empire of the monetarist United Kingdom: that United Kingdom which has been operating according to the so-called “green” policies of the pro-genocidal, essentially pro-satanic World Wildlife Fund of Prince Philip et al., and according to the con-

tinuing complicity in this evil, by the current President of the United States, especially so since the 1968-1973 interval, to the present date

In the earlier, substantial, introductory portion of this presently continuing series, I centered the reader’s attention on the distinction between two available, voluntary types of choices of an operating sense of personal identity in society today. The first choice, what I have identified as a defective state of mind, has, unfortunately, usually been the location of the individual’s optional sense of personal identity, as expressed, typically,

in terms of the crude belief in sense-certainty. It is that influence which has continued to be the customary location of that which the usual individual regards, what is for him, as his, or her intra-social expression of personal identity. In my own, contrary, preferred choice, I locate the individual’s properly chosen sense of his, or her personal identity, quite differently. It is notable that I do so out of my included great respect, even sometimes awe, for what the greatest scientific minds and Classical artistic geniuses have accomplished on relevant accounts.

That much said thus far, to open the following chapter, I shall continue my account by noting, that in the modern physical science which flowed from the work of such geniuses as Brunelleschi, Nicholas of Cusa, Leonardo da Vinci, Jo-

hannes Kepler, Pierre de Fermat, and Gottfried Leibniz, the distinction of the creative personality, lies presently in the recognition of *the ontological actuality* of the so-called “infinitesimal” of the Leibniz calculus, as opposed to such follies as the corrupted version of the calculus associated with such perverts as the hoaxster (and sometime plagiarist) Augustin Cauchy.

A Role for the Tensor

While the distinction which I have just emphasized in the immediately preceding paragraphs, is already



UNESCO/C. Babin

Lord Bertrand Russell took a leading role in establishing the satanic genocidal policies of the British Empire, which threaten civilization today.

formally correct, there is a still deeper—much deeper—issue of scientific method involved. It goes as follows.

The organization of evidence for purposes of a process of physical-scientific discovery of principle, begins, as it must, with reference to the role of experimental experience in the employment of powers of sense-perception. This includes not only what may be recognized as the individual person's "native senses," those which are delivered somewhere along the course leading to the birth of the new individual, but also includes artificial senses comparable to the category of scientific instruments, such as telescopes and microscopes, or sundry varieties of heat-sensing devices employed in exploring behavior in the extremely large, or in the extremely small.⁶

However, while the experience of sense-perception is essential for the development of knowable, effective human power for inducing change in the universe, the paradoxical relationship among differing specific modes of experience presents us with many mutually contradictory presumptions, such as those of the fabled blind men and the elephant, as to what the real universe is, actually. We are brought, thus, to the point, that the paradoxes of sense-experience associated with different choices of natural, or synthetic sensory experiences, confront us with the practical need for what have come to be known as universal physical principles: *principles which are not defined by sense-perceptual experience as such, but, rather, by the fact of what are the mutually contradictory results among the categories of sensory experience. This includes not only the experience of the given, inborn, biological senses, but also the artificial ones, such as those of scientific instrumentation.*

Modern Science as Such

On account of the fruits of those combined sources of evidence, in all modern physical science, the discovery, uniquely, by the follower of Nicholas of Cusa's founding of modern science,⁷ Johannes Kepler, of the principle of universal gravitation within the Solar system considered in the large, has become, as Albert Einstein emphasized, the unique foundation of universal systemic scientific competence within the domain

6. As Bernhard Riemann emphasized in his 1854 habilitation dissertation, it is the ironical changes from all customary notions of sense-perception, as these are encountered in the very large or very small, which present us with the relatively most crucial ideas respecting the general laws of the universe.

7. **De Docta Ignorantia** (1440 A.D.).

of applied modern physical science.

Therefore, for reason of our reliance upon that ironically juxtaposed experimental evidence on which competent scientific practice depends, we must emphasize the role of the *tensor*, in addressing all matters bearing on any contemporary proof of universal principle. We must define the role of the tensor in such terms, but not the often deceptive standpoint of the mathematician as such, the reductionists excluded most emphatically.

Those distinctions just summarized, are to be considered as follows.

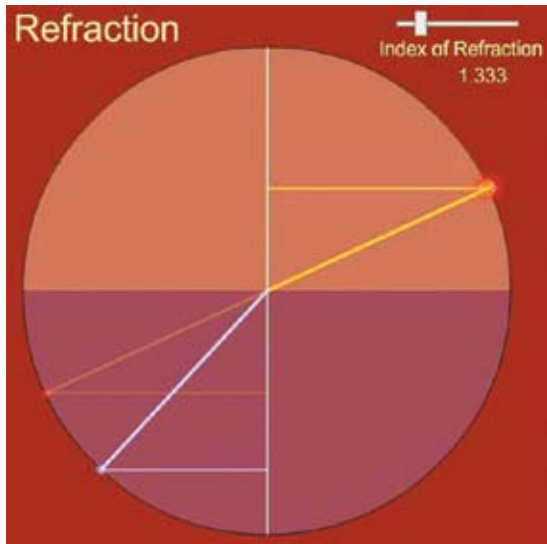
What we recognize, through our powers of sense-perception, is not the real universe we inhabit, but only a kind of shadow cast by that universe's existence, shadows such as those cast as sense-perceptions, or by instruments such as those which are employed to extend the reach of the mind to the very large or very small.

An Anti-Entropic Universe

The common root of the systemic moral failures in most of taught scientific education and related subject-matters, is what is typified by what Philo of Alexandria exposed as the Aristotelean perversion of the teaching of geometry, a teaching which remains, still today, the hereditary principle of intellectual rotting traced, variously, to Euclidean geometry, and to related forms of intellectual perversion, such as modern empiricism. These are exemplary of the cases which implicitly presume a methodologically deductive array of scientific and comparable knowledge, a prevalent academic and related perversion which has been premised on a system of deductively polluted consistency, called, with farcical solemnity, mathematics, which undercuts and ruins the creative potential of the minds of most trained professionals and related cases, still today.

We live in a self-developing, anti-entropic universe, not one of a fixed, deductive design. Hence, the influence of the mystical dogma of "universal entropy" on the minds of so many among our academic specialists in mathematics, makes them become more or less rabidly insane by about the time they come to enjoy what is termed, quite ironically, a "terminal degree."

For example, Kepler came to recognize, as in his *The Harmonies of the Worlds*, that neither the application of the sense of a visible line of sight, nor of musical harmonics, could define the principle of organization of the Solar system as known to Europe up to that time. However, a paradoxical juxtaposition of the two alternately presumed notions of a general ordering factor,



Among the leading experiments which blasted apart the Euclidean concept of time and space was that of Pierre de Fermat (right), showing how light changed course from a straight line when shown through different media. A schematic is shown here.

guideline may appear suited to abstract Euclidean or an “imperfectly Euclidean” variety of formal geometry, as by Lobatchevsky, it fails to meet the standard which must be required of a presented case of physical science. This distinction was made clear with the appearance of Bernhard Riemann’s 1854 habilitation dissertation, in which no *a-priorist* assumptions were permitted in the domain of physical geometry. Since Riemann’s habilitation dissertation, all later competencies in physical geometry were defined

sight and harmonics, provided the remedy, and yielded the same general law of gravitation plagiarized from Kepler’s own original discovery by the custodians of a curiously mad and scientifically inept black-magic specialist Isaac Newton.

In a similar fashion, Sky Shields’ recently published mapping of the actual process of discovery represented by Carl F. Gauss’ discovery of the orbit of Ceres, unveils the actual workings of the creative mind of Gauss in his original discovery of the asteroid orbits.

All true universal physical principles, as known, show that same type of ironical composition. Hence, the singular importance of the work of Bernard Riemann’s discoveries in bringing the use of tensor-like methods of Gauss to its proper place in the general repertoire of physical scientific methods. Sky Shields’ application of the tensor to craft a physical, rather than simple image of the orbit of Ceres, illustrates a point which is applicable to all cases of discoveries of a generally true physical principle in any domain, *including a competent science of physical economy.*

Euclid’s Relevant Great Crime

There are three methods available in modern scientific practice, for defining a general principle. The typical model in European civilization today, although incompetent, is that associated with the model of Euclidean geometry. The assumption is, “Is the assumed principle true in all possible cases?” While that

by relevant conceptual methods of physical experiment, rather than implicitly *a-priorist* formal geometries.⁸

At least, that was true in principle; in practice, the matter was not so simple.

The universe of Bernhard Riemann, and of such followers of Riemann as Albert Einstein and V.I. Vernadsky, is a kind of physical universe in which the most underlying characteristic of action is the emergence of new, more truthful kinds of physical dimensionality. Today, since the work of Vernadsky, in ordering physical-scientific practice, we should examine such qualitative changes associated with a self-evolving physical geometry, evolving with those kinds of qualitative changes in the periodic table of physical biochemistry which we associate with evolutionary changes in qual-

8. It is important to reference the correspondence of Carl F. Gauss with such as Farkas and Janos Bolyai, and with others, on the ruckus stirred up by Gauss’ warnings to Jonas Bolyai on the subject of Jonas’ claim to have discovered a principle of non-Euclidean geometry. The same criticism is extended to the claims for a Lobatchevskian geometry. The implied method expressed by Gauss’s discovery of the Ceres orbit indicates the truth of the matter. The Nineteenth-century history of the subject of a “non-Euclidean” geometry was posed by the most famous of the teachers of Gauss, Abraham Kästner. Gauss, in his letters to the Jonas and Farkas Bolyai, and to others, on this matter, emphasizes that he had discovered a non-Euclidean geometry (premised on provocations in the work of his teacher, Kästner) during his studies of the middle through late 1790s. The application of the relevant tensor approach to Gauss’s solution for the orbit of Ceres, shows that Gauss was actually using such an anti-Euclidean geometry in that discovery.

ity among the abiotic, living, and human-cognitive qualities of physical phase-spaces of the universe considered as an integrated whole.

Today, with the appearance of any newly considered universal physical principle, no previously existing geometry can satisfy the notion of completeness within the bounds of any formal geometry. There is no longer any competent equivalent of such presumed systems extended to completion “in infinity” as a Euclidean geometry.

There are two most notable transformations to consider on this account.

First, we must take into account, that sense-perceptions present us with no better than the kinds of shadows cast by the real universe, rather than the real universe as such. Second, since the work of Academician V.I. Vernadsky, we are properly obliged to view the universe of our experience as one in which the Noosphere *as defined, functionally*, subsumes the Biosphere, and the Biosphere, in turn, subsumes the abiotic domain. The definition used for this purpose is supplied by the question: which domain changes which?

Nonetheless, in the struggle of scientists to make a career, so to speak, they were often obliged, to suppress their fidelity to strictly scientific principles, out of a generally imposed requirement to show a certain degree of consideration for *a-prioristic* geometries modeled, more or less, on the widely approved fantasy known as Euclidean geometry. So, to survive in the practice of their professional career in science, they found it expedient to, at least, pretend that they believed in the test of deductive completeness as an idealized, entropic standard, imposed arbitrarily, for any generally accepted practice of geometry. Curiously, and, also, not so curiously, the product of exploring the domain of physical geometry from the standpoint of the assumed principle of axiomatic completeness for any geometry, turned out to have its heuristic merits within the domain of the ante-room to a physical-scientific form of geometry, as this is illustrated by the explorations conducted under the direction of the famous David Hilbert.

However, thanks given to Hilbert for exposing the assumption he tested, the universe is actually anti-Euclidean, as Hilbert helped to demonstrate this after his fashion.

Since I am writing this work, some account for my own history in respect to these matters has a certain, much more than passing relevance for the purposes of my account here.

II. My View of This Matter

In entering this chapter of the report, we must recognize two crucial features of my point. First, that I am not only an economist of notable, largely unique achievements in long-range forecasting, but that the highest form of known physical existence in our universe is the role of discoveries of the universal physical principles which underlie the notion of a physically successful economy as a whole.

The related problem has been, not that our scientists have been stupid; rather, they have been forbidden to bring the crucial physical evidence of universal and related economic principles into the domain of my particular expertise, the science of physical economy.

Since all matters of physical chemistry's role in economies lie within my domain of principal practice, the chief source of the failures of policy-shaping among modern nation-states has been that the most crucially important aspect of physical science, the economic progress of mankind, has been abandoned to the Delphic frauds of a pro-Satanic class of political-economic religious ideologues, such as our leading financial accountants and bureaucrats of kindred superstitions.

The essential failure common to both most practice of economics and financial accounting, is typified by the fraudulent approach of Laplace colleague Augustin Cauchy to the subject of the calculus. Following the school of Eighteenth-century Leibniz-haters such as Abbe Antonio Conti, Voltaire, Jean le Rond D'Alembert, Leonhard Euler, and Laplace, the factor of change which defines a science of reality, the Leibniz infinitesimal, was suppressed by the systemically reductionist pagan priesthoods of mathematics.

What is fairly described as the uniqueness of my own successes as an economic forecaster, beginning the middle of the 1950s, was rooted, on the one side, in my recognition, since early adolescence, of the intrinsic absurdity of any formal geometry similar to that of Euclidean geometry. This defined the basis for my subsequent adoption of the standpoint of Gottfried Leibniz's condemnation of the inherently systemic fraud of the work of Descartes, in favor of Leibniz's adopted standpoint of that principle of *dynamics*, which has underlain all higher development in the progress of physical science, as to matters of principle, since that time. The collaboration of Leibniz with Jean Bernouilli, in applying consideration of Pierre de Fermat's principle of least



Lyndon LaRouche's outstanding achievements in economic forecasting rely heavily on his rejection of formal Euclidean geometry, and commitment to discovering dynamic physical principles. Here, he is examining a machine at the Escorts Tractor Plant in India, during a 1982 visit.

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action to elaborate a general principle of universal physical least action, has been considered by me as the continuing mainstream of inspiration for all truly principled accomplishments, such as those of Carl F. Gauss and Bernhard Riemann, since.

This led me, in turn, to come to the view that sense-perceptions were not realities, but shadows of reality. In this way, I came to the related view, that the definition of the infinitesimal by Leibniz expressed the essential difference between the real universe we experience, his view, and the shadow-like images of that experience associated with naive sense-certainty, his adversaries' view.

The attacks on Leibniz's work by empiricist followers of the Ockhamite irrationalism of Paolo Sarpi, were to be traced, during the Eighteenth Century, through such accomplices of the hoaxster Rene Descartes, as the set of empiricists led by Abbe Antonio Conti and Voltaire, to hoaxes such as those which are to be traced to the hoaxsters Abraham de Moivre and D'Alembert, who concocted the hoax of "imaginary numbers," and, later, the less exotic trick of simply denying the existence of the Leibniz "infinitesimal" by the opportunist hoaxster Leonhard Euler (who knew better than to actually believe his own rubbish on this account).

The issue so posed to Eighteenth-century physical

science was that, if, sense-perceptions are merely shadows cast upon the mind, rather than the actual objects which have cast those shadows: *what, then, is the knowable expression of the differences between reality, on the one side, and the shadows cast on human opinion by the experience of that wrongly conceived reality known as "sense certainty," on the other.* The implication of this, in turn, forces us to consider the implication of the evidence, as Leibniz adduced his discovery and subsequent development of the concept of the differential calculus from the implications of the successive work of such as Kepler and Pierre de Fermat. *The reality of experience lies not in the perceived object, or its idealization as such, but in those kinds of actual, efficient changes in perceived state, which violate, experimentally, the notion of deductions from merely apparent sense-certainty?* Leibniz's definition of *dynamics*, as a revived expression of the principle of *dynamis* expressed by Classical *Sphaerics*, as in the duplication of the cube by Archytas, and the consequences of this for Archytas' associate Plato, defined the universal physical principle specific to both Leibniz's original definition of the calculus, in 1675, the addition of *dynamics*, during the 1690s, and his enhanced reworking of this as a universal, catenary-tratrix-cued, physical principle of least action, as cast

in collaboration with Jean Bernouilli.⁹

In other words, between the view of real experience implied by notions of sense-certainty, and the real universe, there is a gap expressed, typically, by that notion of the “infinitesimal” whose existence Euler, with barefaced fraud, simply denied.¹⁰

I came to that view of Euler’s fully witting hoax, in his attack on the then long-deceased Leibniz, through my disgust at the teaching of both analytic geometry and the calculus to which I was exposed in both my secondary-school education, and in my attendance at a university, later. I could never bring myself, formally or morally, to pollute my mind with belief in the empiricist rubbish which I was instructed to believe on those occasions. This rejection of such instruction turned out to be a source of my most important margin of intellectual advantage over my putative professional rivals among the economists of the recent half-century to date.

What saved me from the mistakes of my more important rivals among economists, has been, first of all, the influence of Gottfried Leibniz on me from about the age of 14-15, and, later, since my embrace, by January-February 1953, of, principally, Bernhard Riemann’s work, his 1854 habilitation dissertation, most emphatically.

Thus, today, if any good outcome is to occur during the presently onrushing general physical-economic breakdown-crisis of the world as a whole presently, this can only occur through the influence of those same principles which I have adopted in the course of my unique successes as an economic forecaster during the recent half-century.

This involves what must be considered, under present circumstances, as a specific, unique conception of the nature of the power of creativity encountered in the characteristic potential of the human individual mind expressed by discovery of universal principles of experiment. This is the immediate subject here, the sub-

9. The notion of a physical geometry which underlies Leibniz’s notion of dynamics, is traced in modern European science to the role of the catenary (the “funicular” form of physical curve) employed by Filippo Brunelleschi for the construction of the cupola of Florence’s **Santa Maria del Fiore**, and the development of the pairing of the catenary and tractrix relationship by Leonardo da Vinci.

10. All of those Eighteenth and early Nineteenth centuries’ Leibniz-haters among the followers of Paolo Sarpi’s cult of empiricism commit a fraud kindred to that of such Nineteenth-century cases as Laplace and his three-body problem, Laplace’s protégé Cauchy, and the hoaxsters Rudolf Clausius and Hermann Grassmann. The fraud against the work of Wilhelm Weber by Clausius and Grassmann, is typical.

ject on which the urgently needed adoption of a competent notion of principles of physical economy now depends. The “great experiment” on which the desired achievements depend, is found in the examination of the nature of the efficiently creative powers of the individual human mind.

I illustrate the point, by beginning with a relevant restatement of the nature of the evidence toward which I have just pointed here.

My Own Outlook Was Situated So

My earlier conscious awareness of the crucial issue underlying my account in such locations as here, today, dates, essentially, in beginnings identified with my first encounter with secondary-school teaching of plane geometry. As I have written of this on sundry, relevant occasions, I had rejected the *a-priori* assumptions flatly at first encounter, asserting my belief, then, that only a *physical* geometry of the type relevant to design of supporting iron or steel materials crafted to optimize mass and strength according to structural forms, represented a true geometry.¹¹ Once the subject of construction was freed from the illusions of Euclidean geometry by attention to the physical principles of design of forms of construction, the absurdity of Euclid’s mis-interpretation of the achievements of those forerunners from among the Pythagoreans and Platonics, became immediately as obvious as Riemann insisted to be the case, as in the opening paragraphs of his 1854 habilitation dissertation.

So, from that date during my early adolescence, on, all of my subsequent exposure to instruction in secondary education and as much higher education as I could tolerate, placed me in opposition to the underlying presumptions of almost everything in, or about the method for science thus presented to me in those classroom environments, at those times.

Satan and His Monetarism

All standard teaching of modern economics dogma has been premised on the misguided presumption, that the appropriate assignment of a notion of relative economic value was a statistical-monetary function: *monetarism*. To understand that prevalent error of classroom and related opinion, and, thus, the practical consequences of the existing of the present world monetary form of general breakdown-crisis of all among the

11. A conclusion I had reached through study of construction in progress as Boston’s Charlestown U.S. Navy Yard prior to that time.

present world monetary systems, we must consider the following typical aspects of the history of this phenomenon of globally extended European culture today.

This notion is traced in European history since the period of the Peloponnesian War, with the reign over European and extended civilizations by monetarist imperial powers of the type associated with the functions of the treasuries located under the direction of the Delphi cult of Apollo-Dionysos.

The failure of the propagators of the warfare among Athens, Corinth, and Syracuse, created what Plato treated as the opportunity for what had been envisioned by him as the opportunity to consolidate the salutary destruction of the temporarily failed maritime-monetary power of the Delphi Apollo-Dionysos cult during that time. The later establishment of the Roman Empire, through the negotiations conducted between the figure who was to become known as Augustus Caesar in negotiations with the Isle of Capri-based representatives of the priesthood of the Mithra cult, did establish a Mediterranean-based form of maritime-based, single monetarist imperialism, a Roman empire still dominated by the Delphi cult since a point through, and beyond the lifetime of the last leading priest of that cult, the notorious, typically Delphic, illustrious liar Plutarch. That imperialism, in its subsequent incarnations in sundry kaleidoscopic expressions, has been the imperial monetarist system which has reigned over Europe most of the time, since that time, a monetarist empire of which the Anglo-Dutch monetarist imperialism is the world-dominating expression at the present time.

Contrary to the fables of monetarism, the ruling principles respecting the determination of effective value, lie within the bounds of a needed science of physical economy, not the statistical habits of intrinsically imperialist monetarist systems.

Essentially, from its beginnings in such places as 1620-1687 Massachusetts, the design of the American System of political-economy, on which the United States' republic was premised, has been based on a credit system, rather than a monetary system, Alexander Hamilton's particular genius in defining the Ameri-



From the beginnings of the United States, in the Massachusetts Bay colony, there was a commitment to a credit system, in the interest of technological progress. Here is a reconstruction of the Saugus Iron Works, in Massachusetts, which were built in the mid-17th Century.

can System of political-economy as a remedy for the bankruptcy of the separate banking systems of the thirteen former colonies, required, and established that Constitutional reform of a constitutional republic, rather than a confederation, a sovereign republic whose existence was indispensable for saving an otherwise bankrupt, new nation-state.

It was this same principle of our Constitution, which was employed by President Abraham Lincoln to defeat the otherwise victorious British imperial power behind both the slaveholders' secession and the London-owned New York bankers, through the system of "greenbacks" which was organically integral to the great principle of physical economy on which the creation of the U.S. Federal Constitution was premised.

This must be said, to make clear the impossibility of any continuation of civilization on this planet without eliminating all monetarist authority and monetarist systems. The action required is to establish a planetary system based on a fixed-exchange-rate credit-system among a leading set of the aggregately powerful nation-states of the planet, to the effect of putting all monetary systems out of existence. This reform must employ a credit-system as a medium designed, and managed, all to the effect of creating a system of international credit, that based on a principle of fixed-exchange-rate lending among the participating sovereign states of the planet.

This measure solves the immediate problem of global bankruptcy among all nations presently, but it also poses the need to take the matter of policy of credit and prices out of the domain of “free trade” monetarism—or anything like it, thus posing the issues of physical-economic values, rather than the merely nominal, and usually more or less badly mistaken notions of relative monetary prices. The Hamiltonian form of constitutional model of the U.S. Constitution, serves as the needed linchpin for establishing the pattern of global, long-term credit-agreements among a dominant set of initiating nations composing the kernel of the new world physical-economic system.

What are the chances of establishing such a system now? The only force which exists to bring this change about, is that no nation of the planet has any rational chance of surviving the presently wildly escalating crisis, without accepting that reform. That is the looming breakdown-crisis being brought on rapidly, now, by the miscreations called the British empire and its profascist-like puppet, the Obama administration, whose self-inflicted folly will present what I have proposed as the only available opportunity for surviving the presently onrushing, global breakdown-crisis.

Do the Anglo-Dutch Liberal oligarchs know this? Of course they do: much better than you do. Nonetheless, their inherently self-doomed system is the only world system under which they are presently disposed to live. Their impulse is either to win, or to bring down all nations of the world, like the fabled Cities of the Plain, rather than accept the existence of any world system but their own. Therefore, foolish Obama as been chosen as their silly tool.

Where I Stand

On that account, I have paid a certain price, from adolescence to the present day, for my resistance to what I was presumably being ordered to comply with in these matters; but, then, experience, since that time, has demonstrated, that those of my contemporaries who accepted what I had resisted, paid a fearful price for what they had lost from their own creative powers, that by accepting the damaging, axiomatic and kindred beliefs which I had the good fortune to have rightly rejected. So, we have the fact that virtually every putatively leading economist, even among the relatively best, has failed in precisely those crucial aspects of forecasting in which my successes have been unique, the fact which illustrates the point.

Now, on the happier side of such matters, the truly intelligent professionals in the field of economy will be inclined, increasingly, to collaborate with me in bringing about the needed measures to save our republic, in particular, and the rest of the nations as well. Once the principle of the matter is made clear to them, many among them will discover, already lurking within themselves, what is otherwise needed to make them adequate to carry out the remainder of the task.

Recently, since, most notably, the aftermath of my July 25, 2007 forecast of the imminence of the general breakdown-crisis, my relations with leading U.S. and other economists have been significantly improved. Such has been the effect of the forecast which I presented in an international webcast, brought forth on that occasion. However, while the importance of my unique contribution has become appreciated, more and more, among competent professionals, the essential reasons for the success of my own record as a forecaster over recent decades, has not yet been grasped adequately even among the relatively best of those among what might be termed my “relevant peers.” It is thus, my obligation, as here, to improve this state of affairs, which is prominent among the motives for publishing what I now write on that account.

Therefore, to recapitulate what I had just written as the opening of the present chapter: what saved me from the mistakes of my more important rivals among economists, has been, first of all, the influence, as I have already restated here, of Gottfried Leibniz on me, from about the age of 14-15, and, later, since my embrace of it, by January-February 1953, principally, Bernhard Riemann’s work, his 1854 habilitation dissertation, most emphatically.¹² Such were the indispensable preconditions for all of my own original discoveries represented by my relevant contributions reshaping the national and world economic policies to be considered here.

There has been nothing accidental in the outcome of

12. While the act of a discovery of anything approaching a discovery of a true universal principle is an act by an individual person, it would be a serious mistake in method to imagine that a valid discovery of principle by a person means that the development and outcome of that discovery is an isolable, individual action. Here, the principle of dynamics (or, the ancient concept of *dynamis*) must be taken into account. The development of knowledge of true principles is an ongoing process of development of each idea, which occurs through the participating role of contributors to such a process of discovery. History is not a sequence of events, but a process of the self-development of the minds of the successive persons and generations which, in effect, transforms the characteristics of the mental life of successive generations.

those differences in adopted belief respecting matters of science bearing upon the subject of a science of physical economy. This is the case, most notably, in the domain of, principally, medium to long-range economic forecasting. There has been nothing actually obscure, or accidental in my successes, nor, my putative professional rivals' failures on this account.

It is not accidental, that my accomplishments have all been situated within the framework of my studies and development within the domain of a science of physical economy. On that account, the following clarification is crucial.

Physical Economy is The Human Science

The root of the failure of the modern European economists and their American followers, as distinct from the patriotic American school of Benjamin Franklin and Alexander Hamilton, is essentially the fact, that the establishment of the imperial Anglo-Dutch supremacy of the British East India Company's Lord Shelburne, since the February 1763 Peace of Paris, put continental Europe, increasingly, under the tyranny of the economic policies associated with that "Liberal" school of John Locke, Adam Smith, and Jeremy Bentham, an Eighteenth-century school¹³ which had been formed under the persisting influence of Paolo Sarpi, and of Sarpi's adoption of the methods of the medieval irrationalism of William of Ockham.

Ockham is the founder of the specific form of moral corruption and fervid irrationalism of the modern Anglo-Dutch Liberalism. The most evil man of the Twentieth Century, Sarpi follower, and anti-science fanatic, and devoted hater of mankind, Bertrand Russell, serves as an epitome, still today, of everything that is most essentially evil in the world at large.

The prevalent dogma in European culture since the rise of the Liberalism of Paolo Sarpi et al., has been the presumption, as by Adam Smith, in his 1759 *Theory of*



Entergy Nuclear

Improvements in productivity depend upon an increase in the energy-flux-density of physical economic processes, per capita and per square kilometer. This points to the indispensability of nuclear power, for human survival and progress.

Moral Sentiments, that no actual universal physical principles exist within the bounds of mankind's actual knowledge, but only rules of behavior consistent with the lack of any recognized universal principles, but only those of what is, presumably, merely custom. The moral depravity of those advocates of "Behaviorist economics" associated with the conspicuously pro-fascist, even pro-Nazi, health-care and other current economic policies of the President Obama administration's health care and social policies, are typical of the relatively worst outcome produced by driving the evil dogmas of John Locke, Adam Smith, and Jeremy Bentham to their Nazi-like extremes.

Essentially, protests against naming President Obama's economic policies as either "Hitler-like," or, simply, "Nazi," are behavior tantamount to intellectual and moral complicity in a great crime against humanity. It is the wild-eyed hoax of "cap and trade" and all, in the present Summer of American cooling, which is a new cloak for, a carbon copy of Hitler's own policies of genocide.

Hence, for today's consistent followers of the tradition of Locke, Adam Smith, and Bentham in the field of economy, a field in which I play a starring role of opposition to their legacy presently, for them, economic pro-

13. Locke died in A.D. 1704, but his influence permeated the British imperialist dogma to the present day inside the U.S.A.

cesses express no actual principles, but only conventions based on adopted customs of belief chosen without regard to any actually efficient universal physical principles. Hence, we have the case of the influence of widespread, intrinsically incompetent methods of so-called statistical forecasting more widely. Whereas, my own forecasts have been specifically successful, virtually all rivals, of all persuasions in the field, have been systematic failures as forecasters on this account.

Ironically, it is exactly their beliefs to this effect, which have served as the instrument of destruction of all civilization which is the oncoming menace overtaking the entire planet today. Such are those particular “behaviorist” beliefs of the Obama administration which has put the U.S. republic on the chutes to Hell right now.

For Example:

It is fairly said, that productivity increases with both the amount of the power supplied to production and integrally related activity, and also the increase of what is termed the energy-flux-density of the physical economic processes, per capita and per square kilometer. Any effort either to allow those “energy” values to decline, or even to fail to increase, per capita and per square kilometer, spells an oncoming relative, or more severe disaster, such as the world in general has been suffering, with increasing severity, since about September 2007, but, actually, since about March 1, 1968.

This present influenza pandemic is only a marker for the far more destructive conditions which will become rampant unless the present directions in, most notably, U.K. and U.S.A. economic and social policies, are sharply reversed, and, in large part, uprooted and destroyed together with all relics of monetarism as such.

Thus, in that sense of the currently plummeting world economies, there never will be a recovery from the general, physical breakdown which will continue to be spreading without interruption, as since about September 2007, spreading, and worsening at a presently accelerated rate, in each and every nation of this planet. This will continue either for as long as the presently dominant policy-shaping of the imperial United Kingdom and its present puppet President Barack Obama remain in charge, or until the system of nations of the world as a whole has simply died for failure to terminate the present trends in policy-making by the Obama Presidency, now, or during some early days ahead.

Without the very early and widespread reversal of

the policies to which those failed regimes in Britain and elsewhere are most passionately devoted at this time, there never will be a recovery of the human race from an accelerating breakdown crisis presently in progress—not until after the present collapse of civilization, globally, had long since struck bottom.

Thus, with that crucially important qualification taken into account, the presently ongoing breakdown of the imperial-London-steered entirety of civilization, would lead, at the best, to an already very steep dive, still accelerating into a general, planetary new dark age for the human species as a whole. The stated intention of Britain’s Prince Philip, and of his World Wildlife Fund, to employ measures intended to bring about a rapid collapse of the human living population from an earlier approach to seven billions persons soon, to less than two, is the current policy of a widely reigning, intentionally genocidal cult-doctrine called, variously, “globalization,” or “cap and trade.”

The cause for these man-made crises, is not “natural” in any appropriate sense of that term. They are the fruit of entirely man-made, essentially, criminally insane policies, policies which have been adopted by all-too-powerful oligarchical forces of monetarist rule predominating in the policy-shaping of the combined efforts of the most powerful nations and monetarist interests today.

As in the particular case of the present so-called “health care” policies of the Obama Administration, this onrushing general breakdown-crisis of all mankind is the fruit of psychopathological policies whose influence over the planet is centered jointly in the globally imperial British monetary authority and its most significant puppet, the “Nero-like” President Barack Obama Administration of today.

This brings us now to a most crucial, leading point.

Human Creativity: The Mind

In the recently issued *Economic Science, in Short*, I have featured a summary identification of those principal features of the human mental-perceptual processes, which, when taken into account as a whole process, represent the resources on which competent economic practice now urgently depends. There, I describe, in a fresh, more valid way than generally available from other professional sources today, the related, essential distinction between the human mind, on the one side, and the behavior of all lower forms of life, on the other. That is the specific topic here, on which the



This self-portrait by Rembrandt van Rijn, done in 1659, shows his dedication to portraying the proper subject of science: man's actual state of mind.

attention of this present element of this report as a whole is focused.

As I have written or spoken on earlier occasions: what has been presently treated, heretofore, as physical science, has been devoted, chiefly, to society's reading of the bodies of evidence specifically limited to those subjects of non-living and living processes which have been examined on the presumption, that mankind's view of these processes is, as it is said, "objective." What has been customarily presumed to have been the proper subject of the physical science of man's own part, man's actual mental behavior, has been wrongly defined as what continues to be a generally presumed notion of "physical objectivity." In that misguided, but commonplace approach, the actually crucial, *subjective* aspect has been essentially excluded from consideration, as if *a-priori*, in favor of what has been wrongly presumed to have been physical science's *objective* ap-

plication to both non-living and living processes.

Men and women may have chosen their actions, but what higher power than mere sense-perception, shaped their decision?

The fact underlying those decisions which have misled the world into the presently onrushing, general breakdown-crisis, is, that the world in its entirety, is presently within the grip of a plausibly terminal state of a general breakdown-crisis of all existing societies. Were there no appropriately radical overthrow of the patterns of decision-making responsible for the recent habits of government, respecting economy in particular, humanity as a whole were presently self-condemned to a calamity far beyond any known in the past experience of mankind as a whole.

Vastly genocidal crises, such as those which any continuation of the present trend in policies of both the United Kingdom and the Barack Obama administration portends, had already struck limited portions of humanity as a whole, in different parts, in earlier times. However, this present crisis is the first known case in which it is the entirety of the human species which is known to be threatened so, a threat of a kind arising globally from the effects of applying bad policies globally, policies made by the most influential bodies of opinion-making, brought so savagely, upon the planet as a whole, in what is intended by today's London-centered imperialists for our planet in its entirety.

Yet, there is nothing about this onrushing threat of early doom which should be considered mysterious to sane and well informed minds. The doom now hurtling in its descent upon our entire planet, is not an inevitable consequence, but a willfully chosen result by the monetarist relative few, who are currently reigning over the prevalent political-economic systems of the planet's few most powerful nations and the intrinsically monetarist imperial cabals within which those nations are situated.

That specific, relevant moral and also practical folly in the susceptibility of the apparently prevalent human nature of every part of society throughout the planet presently, resides essentially in a practiced misconception of human nature itself. The most notable aspects of this pattern of self-destruction of the U.S.A. and virtually all other leading nations of the planet generally, have been essentially psychological in form in their causes, but no less physical in their consequences.

The most significant of those presumptions govern-

ing the psychology of evil presently permeating political-economy and related subjects, is what is known presently as the empiricist method of Anglo-Dutch Liberalism, or, what is named otherwise as a Satanic cult of “filthy lucre,” otherwise known euphemistically as “monetarism,” or, simply, the “philosophical Liberalism” misconceived in the Ockhamite irrationalism of the followers of the “new Venice’s” Paolo Sarpi. Such is the so-called Anglo-Dutch monetarists’ Liberal imperium typified by the intrinsically irrationalist dogma of such as John Locke, Adam Smith, and Jeremy Bentham.

That doctrine and practice of “Liberalism,” is to be treated as a potentially mass-murderous, pandemic mental disease of the present world monetary system, a pathogen infecting the popular human mind, a conceit through whose assistance all other sorts of diseases afflicting humanity find and take their advantage.

How the Horror Prevailed

It is the efficiently physical character of the dynamic¹⁴ processes which regulate the relevant patterns of mass behavior of the human individual minds, which is the key to understanding the how and why of the presently onrushing general economic and demographic breakdown-crisis of the entirety of this planet as a whole at this time. To remedy this “lemming-like” behavior of the rulers of nations generally today, we must examine the relevant, potentially fatal factors of opinion which have allowed the present great folly to have been unloosed upon the entirety of mankind, as this occurred in the aftermath of the inauguration of the Winston Churchill-loving, U.S. President Harry S Truman, on April 13, 1945. We must get to the root of the matter, thus echoing a most crucial point already made in my *Economic Science, in Short*.

Essentially, generally speaking, mankind, through the dying out of the generations which arose to fight the Hitler regime, does not presently know, or even remember, the principles which actually misgovern and, thus, mislead, the individuals’ own mind, that to such effect as the toleration of the swindle which the British empire has imposed upon the U.S.A. through a British monarchy puppet, a caricature of the narcissistic Roman Emperor Nero, a living caricature currently serving as President of the U.S.A.

14. Dynamic is used in the sense of Gottfried Leibniz, and of the concluding paragraph of Percy Bysshe Shelley’s 1819 **A Defence of Poetry**.

In particular, we must focus attention on what are to be recognized as the actually creative, and physical processes typical of the healthy individual human mind. It is the failure to grasp the nature of that principle of human creativity associated with Classical artistic and physical-scientific achievements on which all human progress has depended, which has promoted those effectively insane monetarist and related policies which had created the present conditions for a currently accelerating general physical-economic breakdown-crisis of the entirety of our planet.

It is time that our institutions of government pay closer attention to the respective proper functions and diseases of the popular mind.

The Achievements and Follies of Science

In the first, ordinary case, the individual locates his, or her sense of personal identity more crudely, naively, within the bounds of what is presumed to be a domain of the experience of sense-certainties. In the second, which must prevail now, if civilization is to outlive the present crisis, the creative scientist, or accomplished, actually creative Classical artist, alike, locates his, or her sense of personal identity in reality, by regarding apparent sense-certainty as a mere shadow of that reality which only the actual or potential, scientific or Classical artistic genius tends to recognize as being the real universe.

The case of Johannes Kepler’s uniquely original discovery of the principle of universal gravitation, as reported by him in his *The Harmonies of the Worlds*, is an example of the efficiency of what I have indicated as the second, higher choice of self-connection.¹⁵

For this purpose, Johannes Kepler’s uniquely original discovery of the principle of universal gravitation, is unique, in many respects, for competent modern science in general; but, there is one included feature of the method which he employed in the discovery of the principle of gravitation, which is of specific interest at this immediate place in my presentation. That special interest lies in the distinct concept termed “universal physical principle.” This is a notion of principle which may be adumbrated by a mathematical formulation, just as

15. The issue of which choice of English translation of the title of this work by Kepler, hangs upon emphasizing, on the one hand, the use of “world” in the sense of the universe as a single object, and, the more practical implication, of “harmonies of the worlds” which reflects the process by which the role of emphasizing harmonics in defining the discovery of universal gravitation in the organization of the worlds. The latter option is the more meaningful one, scientifically.

Kepler defined the mathematical formulation used to describe a measurable effect of gravitation, but can only be competently derived otherwise. The universal principle of gravitation *apparently bounds* the physical space-time of our Solar system (and beyond) in a way, a curvature of physical space time which bounds the Solar system, and which defines our universe as finite, and as, in no sense “Euclidean,” for that very reason.

However, although it might appear to some that it was by virtue of Kepler’s uniquely original discovery of precisely that set of mathematical relations which the circles of silly Sir Isaac Newton claimed, with blatant fraud, as their discovery, that gravitation is the source of the relevant physical power; in fact, the mathematical expression is a shadow cast by the principle itself, not its efficient substance. Hence, we have Einstein’s famous formulation of the case of what he recognized as the absolute originality of Kepler’s discovery.

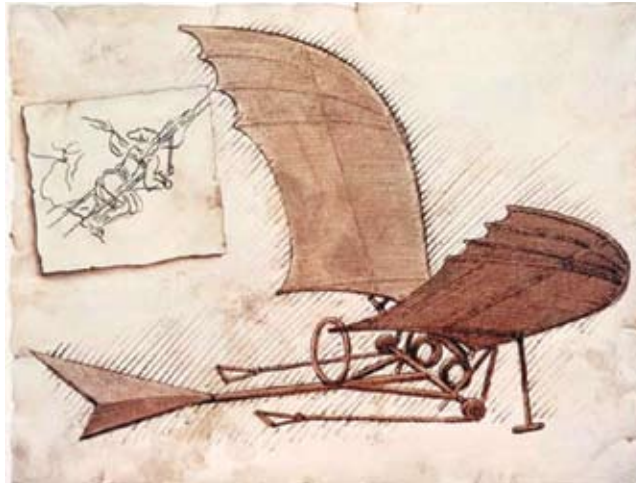
All competent modern physical science, since the work by Kepler, has characteristics which, as Albert Einstein emphasized, reflect the specific quality of irony expressed by Kepler’s discovery of the principle of gravitation. There is no competence in modern science, except by aid of Einstein’s assessment of the essential role of Nicholas of Cusa follower Kepler’s discovery for all competent modern science in general. Nonetheless, although this view of Kepler is the standpoint of competent modern science in general, it is also a fact that as Carl F. Gauss showed by his discovery of the orbit of the asteroid Ceres, there are additional complexities of a related quality within physical space-time generally. These complexities began to come clearly into view with that

development by Gauss, of what came to be the tool of physical mathematics which came to be known as the tensor, a tensor conceived as a physical-experimental, rather than merely mathematical tool.¹⁶

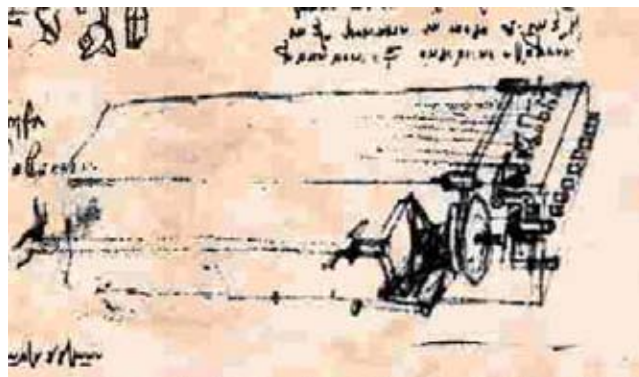
I explain the general principle involved in that, as follows.

Kepler’s uniquely original discovery of the universal physical principle of Solar-systemic gravitation is, still today, the Classical demonstration of the proper method for defining the proven existence of a true universal physical principle. It is for this reason that Albert Einstein attributed such crucial significance of Kepler’s method in any competent expression of modern physical science, still to the end of Einstein’s own life. My associates and I have returned, repeatedly, to the “Kepler paradigm;” in my own case, the most frequent motive has been to emphasize the distinction between the misleading definition of a proof of principle under the British empiricist method derived from the Okhamite method of Paolo Sarpi’s empiricism, and that contrary method of competent physical science which is shown most efficiently by the case of Kepler’s original discovery of universal gravitation, and best illustrated today by the legacy of the Leibniz concept of the efficient character of the “infinitesimal,” which is expressed best, currently, by the Riemannian heritage of Albert Einstein and Academician V.I. Vernadsky.

The corresponding question is, typically: what is the physical meaning of the Leibniz infinitesimal? Is that



Leonardo da Vinci was the quintessential scientific and artistic genius, mastering music, physical science, and other arts. Here are his drawings of the viola organista (below), which he invented, and his schematic of a flying machine.



16. Sky Shields’ crafting of his revealing portrait of the method, based on the concept of the tensor, which Gauss had actually employed for his discovery of a series of asteroid orbits, is used as a typical point of reference comparisons, throughout this present report.

“infinitesimal” a phantom; or, does it represent crucial evidence of a fatal flaw in what, until now, has passed for an increasingly, generally taught, British version of scientific method of those positivists whose influence is to be traced most specifically in the train of Ernst Mach and Bertrand Russell, and the science-degenerates who have followed them, since, approximately, the closing decades of the Nineteenth Century? This question is key for understanding the actual nature of the truly sane human mind.

III. The Human Mind: Two Views

*In what had been my argument in my **Economic Science, in Short**, I located the quality of true human individual creativity in terms of reference to two, alternate choices of the individual's sense of the “location” of his, or her personal identity. In the more common case, the customary choice was located, mistakenly, in the notion of personal identity associated with the notion of “sense-certainty.” In fact, unfortunately, actual human creativity is located in the relatively rarer case, that of the actually creative individual, which is presently rare even among prominent scientists. The source of that problem is, unfortunately, a popular, wrong-headed present tradition of the recent four decades; in truth, creativity, when and where it exists, is located typically in the sense of personal identity which is located, functionally, by a sense of self as located in “a different experience”: not within a domain of formal mathematics as such, but, as I have emphasized repeatedly, in earlier locations, in the domain associated with the Classical mode of the poetic imagination, as this is reflected, in Classical English expression, in Percy Bysshe Shelley's **A Defence of Poetry**, its closing paragraph, most emphatically.*

In fact, however, even in the case of the significantly

creative individual personality, the continued presence of the child in the man, is shown by shifts of the visibly expressed sense of personal identity, from the lower of these two locations to the higher, or, the reverse, as this tends to vary with the circumstances, in such cases.¹⁷

Most notably, scientific creativity, like that of Classical poetic and the Classical musical composition of J.S. Bach, Joseph Haydn, W.A. Mozart, and Beethoven, is excluded in a systemic way, by today's widely prevalent, even reigning, popularized trash entertainments and interpersonal social conduct. Actual expressions of creativity, are not located within the confines of mathematics, but are typified by Classical modes of creative processes specific to Classical artistic composition, Classical poetry most emphatically. The ironical fact of the matter is, that the best scientists of the Nineteenth and Twentieth centuries were often also qualified, like Albert Einstein, as Classical musicians, even if as amateur performers; the decline in Classical musical participation has crucial relevance for understanding the relative collapse of scientific competence shown among generations born post-World War II, among all but a few exceptional minds from among the younger generations living



Leonardo da Vinci's “Portrait of a Musician,” painted in 1490, shows the painter's skill in portraying an individual's “sense of self,” beyond sense-certainty.

17. The reference to the failings among even today's “leading scientists,” reflects the accelerated down-shift of the ratio of actually productive members of the potentially total labor-force, in Europe as in North America, this as a consequence of the collapse of net levels of basic economic infrastructure in the U.S.A., in particular, since 1967-68, as this has been combined with a related decline in the ration of farmers, industrial operatives, (actual) scientific workers, and engineering and related labor, within the labor-force. The employed members of the labor-force had been, increasingly, persons employed in “make-work” of doubtful physical-economic and related value. Thus, the base-line role of actual science in employment, has declined, at the same time that pseudo-scientific personnel have been counted as part of the labor-force. Thus, there has been the loss of a science-driver mission, even merely technical competence, within the population generally.

today. My own organization of a young-adult organization, with emphasis on Classical-artistic and scientific emphasis at the same time, reflects my strategic commitment to promoting insight into this crucial role of Classical artistic culture in providing the conditions required for promoting the development of a kernel of the promising young-adult intellects in any serious profession today.

This central role of Classical art in generating the creative powers of imagination, when it is permitted to work to such effect, has wonderful implications for the good.

At the same time, the post-1945 moral degeneracy in trans-Atlantic European culture, as under the influence of existentialism generally, and the European Congress for Cultural Freedom (CCF), in particular, typifies the way in which the post-war cultural degeneration in Classical music has led in shaping a morally downward pattern of post-World War II cultural, moral, and economic degeneration, as among the principal causes for the currently prevalent moral, intellectual, and economic decay, and the presently threatened, early doom, of globally extended European culture.

When the proverbial “smoke has cleared” from the learning of the most crucial point in both my preceding *Economic Science, in Short*, and this present sequel, the most crucial point which I present in both instances, is my insistence that competent science depends upon recognizing that the location of the human individual’s power to discover a valid principle, the noëtic power, is to be found in the domain of the best examples from Classical poetry and related artistic compositions, rather than in the language of mere mathematics. The evidence which supports that conclusion, is both systemic in nature, and is clear enough in itself, but that is so only when the relevant point, which I made in that earlier writing, is taken into account, as I do, more fully, in the following pages, here.

As I emphasized in that earlier piece, the key to presenting a proof of that distinction, begins with the thinker’s self-critical reflection on the ironical relationship posed by considering a particular phenomenon from the vantage-point of the contrast of the same subject-matter, when, on the one hand, the emphasis is shifted from one sense of the “location” of personal identity, the ordinary, popular choice, to the higher, as this higher viewpoint is typified by Johannes Kepler’s uniquely original discovery of universal gravitation, in which what was crucial has been his contrast of a mental image

of the orbital system based on extension of a notion of visible space, to the contrasting one of harmonics.¹⁸

The specific type of problem, which should provoke some preliminary insight into the very specifically human nature of true human creativity, is what is otherwise expressed by Gottfried Leibniz’s long struggle in his efforts to perfect his uniquely original discovery of the part played by what is ostensibly the “mathematical infinitesimal” in his discovery of the calculus.¹⁹ Once certain elementary facts of the matter are duly considered, the origin of the ironies of the Leibniz infinitesimal, as within the preceding, unique discoveries of the principle of gravitation by Kepler, is directly clarified. This matter of the two choices of personal sense of identity, the mathematically “nitty-gritty,” versus the Classical artistic, is crucial.

In this present report, I reference, and build upon what I wrote on this matter of the two, alternative senses of personal human identity, as I did in my *Economic Science, in Short*. As the reader shall be informed here, from this point on, the entire edifice of a competently defined science of physical economy, depends upon precisely these elementary conceptions which I recapitulate, and amplify, here, as I shall show in the subsequent, concluding chapter of this present report.

The Core Argument

To begin the argument of this point, I repeat, that to the degree that the individual regards the experience of his or her senses as “self-evident,” that individual’s sense of personal identity is identified, as to content, by the misguided presumption that sense-experiences are the immediate, “hard” reality of the universe. That un-

18. The same point is illustrated by the Pythagoreans’ emphasis on the importance of the principal forerunner of European science, *Sphaerics*, as is shown by the emphasis on the concept of the “comma.”

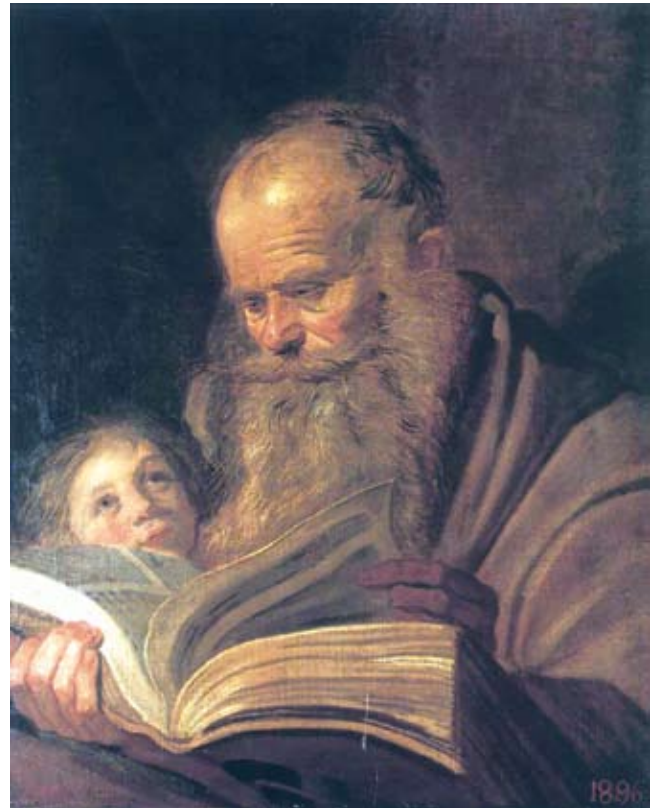
19. Let no one who is not morally corrupted be so silly as to suggest that foolish Sir Isaac Newton ever actually discovered a calculus, or the principle of gravitation. The very fact, that Eighteenth-century acolytes of defenders of foolish and fraudulent Rene Descartes, such as Abbe Antonio Conti and the absolutely disgusting Voltaire, that the Leibniz infinitesimal pertained to merely imaginary numbers, as the foolish Abraham de Moivre and D’Alembert did, or as the more witting hoaxter Leonhard Euler frankly lied outrightly, opportunistically, on this matter, is that without the actual infinitesimal, there is no actual calculus, but only the simple-minded infinite series taught to Newton by his puppet-masters. The evidence is a matter of rather simple facts. My conclusion is that Euler, like many “politically conscious” opportunists of science today, was, as different evidence shows, too intelligent to believe a single word he said on the subject of the Leibniz infinitesimal, but too career-conscious to tell the truth at that, or even a later time.

fortunate individual, thus defines the notion of “self,” accordingly. So, the victim of that adopted illusion defines “devotion to the alleged facts” of the eyewitness experience, and of its associated senses of relative pleasures and pains. Such is the implication of the both morally and clinically pathological mental state of the so-called “behaviorists” of the Anglo-Dutch Liberals’ sexual persuasion. Such were the actual, or should-be patients of Dr. Sigmund Freud.

Similarly, as in the attempted mastery of Classical musical aptitudes in the J.S. Bach tradition, even technically skilled musicians fail to reach the goals of the modern Classical musical tradition of Bach through Brahms, not because they do not know how to sing, or perform instrumental works, but because they have failed to comprehend what should have been, for them, the relevant purpose of that mission. In the cases of such short-comings, they may appear to succeed (almost) technically, but fail to reach the appropriate goal of the mission artistically. They fail to grasp true artistic creativity in their efforts to locate their personal identity in the necessary choice of place.

So, the outlook of the great Classical-artistic minds, such as those of the Platonic tradition, or the Apostle Paul of I *Corinthians* 13, and the actually qualified scientific thinkers, is directly contrary to that of both the naively reductionist and the scoundrels from the ranks of the Liberal followers of Paolo Sarpi and his adopted William of Ockham. The Apostle Paul, writing there, sees the world of sense-experience as if in a darkened mirror, or through a murky glass pane: as if at a distance from the sensed experience from that reality of the universe which is poorly reflected by one’s sense-impressions. Thus, the great scientific thinkers think as the Apostle Paul expresses this, thus, by locating reality in the state of mind which sees sense-experiences as if but shadows of reality, rather than being considered efficient reality as such. Here lies the readily accessible concept of the existence of the human identity in the “soul,” rather than the animal husk which that soul, resident essentially in V.I. Vernadsky’s Noösphere, temporarily inhabits as its incarnate vehicle for its action within the mortal frames of the sensory domain.

Hence the extraordinary power lodged within the liturgical works of the greatest Classical composers, such as J.S. Bach and such among the continuation of his profession as Haydn, Mozart, Beethoven, Schubert, Mendelssohn, Schumann, and Brahms. The effort to bring the immortality of the human soul actually on



Human identity, and creativity, are developed through social interaction, which is beautifully portrayed in this painting by Frans Hals, of St. Matthew reading to a child (ca. 1625).

stage, points to the element of sacredness of all great Classical musical composition of the Handel, Bach, Mozart, Beethoven, Schubert tradition in both liturgical and profane compositions. So, for many errant offspring of European civilization, when they lost their connection to the Classical tradition of Bach, they could no longer find contact with their own souls.²⁰

The essential distinction at issue on this point, is, summarily, the following.

The connection of the actually human personality to the sensory domain, is provided by the passions which

20. Hence, my expressed anger at hearing Lotte Lehmann’s artistically slovenly coaching of the tenor performing Florestan’s dungeon aria-monologue under her direction. Beethoven’s intention in bringing the unfolding of the musical drama to that point was degraded to the purpose of transforming a sublime turning point in that opera into a disgusting moment, as a form of an existentialist travesty. The relationship between secular actualities and the immortality of the soul within a simultaneity of eternity which is the reference point of all Classical artistic work, is the domain of true artistic and related human creativity, as the Apostle Paul’s I *Corinthians* 13 is to be referenced on this account.

inform human sensual, mortal practice. Here, in the consequences of those passions, we meet that strife of good against evils of that sort which the presently depraved state of the Obama Administration expresses, in such morbid forms as its frankly evil “health-care” and “cap-and-trade” advocacies. *Let us agree to interpolate, at this point, that it is the humanist passions, such as dedication to the sacredness of the full life of the living human individual, and of the Classical artistic domain, which supply the motive for that creativity on which the morality of actual scientific creativity, among other essential qualities, depends.* Classical modes in poetry, and related elements of song benefitting the crucial contribution to counterpoint of Johann Sebastian Bach, are, thus, among the most nearly perfect expression of those ordered passions of the sublime, as this was typified most neatly by Ludwig van Beethoven’s Opus 132 quartet, which have been attained by known civilizations thus far.²¹

In none of what I have just presented in this chapter thus far, is there anything which deserves the epithet, “speculative.” The very conception of physical science hangs upon the demonstrable reign over the causal sequence of events, by what are truly universal principles, principles which exist in a demonstrable form which is, in itself, not sensed by the sense-impressions experienced as such, but expressed only in a demonstrably efficient form which lies in a domain which is seem-

21. For this insight into the Opus 132, among the late Beethoven package of late string quartets and their by-products, from Opus 127 through 135, I must acknowledge the marvelous contribution to my insights by the celebrated primarius, Norbert Brainin, of the Amadeus Quartet. Our association began during the late 1970s, when he reacted to a Paris distribution of my public protest against the horrifyingly Romantic misinterpretation, under Lotte Lehmann’s direction, of Beethoven’s Florestan aria opening the second act of *Fidelio*. We met as a result, and soon became fast friends and collaborators. Later, when the Amadeus Quartet was to perform in honor of my 1987, sixty-fifth birthday, the sudden death of the violist Peter Shidlof, not only cancelled that appearance by the quartet, but, most notably, prompted the termination of the contract for the recording and intended pressing, of the new, then on-going series of performances of the complete Beethoven quartet cycle. Beethoven’s intent in that composition is, typically, crafted from the standpoint of the real passions of human existence, which lie in the dream-like domain of the soul, seeking to impart a sense of the meaning of those shadows which the soul’s reality casts upon the sensory domain. The emblematic fact about this termination of the intended publication of the new series, is that we lost the fresh view of the performance of the Opus 132 which, from my own discussions with Norbert Brainin, would have been a revolutionary advance in depth of insight over all extant performances of that work to the present day. Maestro Brainin’s later death was a great loss to humanity, even on this account alone.

ingly external to sense-certainty as such. Despite all empiricists, the universal principle of gravitation adduced, with unique originality, by Johannes Kepler, exists very efficiently to the present day, despite the efforts to degrade that great universal principle to a dirty empiricist’s mere mathematical formula.

Admittedly, certain well-known Jewish and Christian traditions, for example, have failed miserably, as Philo of Alexandria warned the Jewish rabbis of his time against the evils of Aristotle. The Messiah will not consent to appear according to someone’s concocted railway time-table. The doctrine of patient submission to evil, was not the mission of the apostles Paul and John, for example. It is not the humble acceptance of degradation, as one were a peaceful serf of one’s landlord, which was ever honest Christianity, or the intent of the Mosaic testament of *Genesis* 1. Some say they are Christians, but worship at the Delphi shrine of the Olympian Zeus, thus, in their pitiable, serf-like humility, they deny, in that way, the very existence of that human soul which they claim to treasure.

Now, these necessary things thus said, we are ready to prepare our fresh excursion into the matter of true human individual creativity.

The general consequence of this fact, is that the available sense of personal identity presents the conscious person with two distinct options. Nothing illustrates this better, than examining the case of the empirical distinction among the three known qualities of Earthly existence of mankind: the respective experiences of the *abiotic*, the *Biosphere*, and the *Noosphere*. One of these two options, is the naive notion of simple, mistaken “sense-certainty.” Another, is that notion of the intellect of science and Classical art, an intellect which resides at the home address of those discoverable ideas of universal principle which show us the governing principles of the real universe, as principles. Such are the principles of the science of Kepler, Leibniz, Riemann, Einstein, and Vernadsky, as these are distinct ideas, which are expressed, not by sense-experience as such, but which are associated with the powers, such as gravitation, as discovered by Kepler, which are exerted efficiently by what lies in what seems, to the illiterate, to be a mere shadow-world beyond the direct detection of sense-certainties.

Therefore, of which domain have you chosen to be an inhabitant? As a dweller in the mere shadow-land of bare sense-perceptions, or a citizen of the domain within which universal principles rule over the mere shadow-

land of sense-perceptions? Thus, you each have a choice between something which is virtually a mere talking ape, such as President Obama's retinue of "behaviorists" gathered around Timothy Geithner, Larry Summers, and Peter Orszag, or the alternative, of a truly human individual expressing the soul's passion, while in his manifestation in the flesh.

This set of considerations, as I shall show at a later point here, has a decisive impact on the competence, or lack of competence of thinking by nations, including their economic thinking, on the subject of a choice between a failed, and a potentially successful economic policy of nations, both individually, and interacting, today.

A Being of Two Minds

Now, review the most crucial among the points which I developed in *Economic Science, in short*.

In the simpler case, the human individual, and his, or her culture, mimics the beasts as such, perhaps the apes most notably. Such behavior is implicitly premised, largely, on virtually "pre-programmed" control of behavior by sense-perceptions. Otherwise, man is not an ape, and certainly not what might have been a creature designed in the bowels of "Silicon Valley." No higher ape could increase its species' potential relative population-density willfully, as humanity does, and that virtually universally. Yet, there is a crucial difference between a society dominated by sense-perceptual knowledge, and a society driven by those forms of fundamental scientific and related cultural progress which defy the prohibitions of the Olympian Zeus of Aeschylus' *Prometheus Bound*. It is the Promethean form of human culture, as affirmed in *Genesis* 1, which expresses the human nature of our species in its most nearly natural form.

Transoceanic navigation developed by regard for the millennia-long, or longer astronomical cycles, is, perhaps, the most typical expression of the task-oriented creativity, when this is considered as a relevant example of a relatively natural state of human culture in the human species, as found in traces of the wisdom developed by very ancient maritime cultures.

As the previous high-point of glaciation retreated, temporarily, despite the global cooling periods such as that which our planet is experiencing now, in the other times when the oceans and seas grew as the ocean waters of the world rose by about four hundred feet, transoceanic maritime cultures moved inland, up what

were, initially giant rivers, and gradually settled the territory abutting the riparian flows. Now, as the new upsurge of a fresh "little ice-age" encroaches on our societies today,²² the same urge which produced the progress of mankind under the reign of the ancient maritime cultures, turns our attention to the other regions of our Solar system, and, also to the larger whole of the galaxy we inhabit, and to the fact of the grip being already exerted on humanity, here, by the radiated effects of gigantic, supragalactic developments beyond.

Much as we men and women of our times, as earlier, prize the form of our mortal existence, it is the outcome of that existence, as we may contribute to that, which is the higher devotion to that which is immortal. What we must come to prize the most in ourselves: are our honor of that past history which has brought us to life, and the legacy we wish to leave behind for vast millennia still to come. These should prompt us to embrace the prospect that there might exist, within the span of the assuredly mortal biological existence of each among us, the prospect that we might contribute to the coming into being of a future more blessed than that we experience now. If we are so inspired, we look within ourselves, searching for a quality within us which could bring forth a future better than that of our own time, and a type of human individual which is a more potent giver of the good than ever before our time.

There, precisely there, we meet the issue of the distinction between available choices of a sense of personal identity.

On the one side, as I had emphasized in my relevant preceding publication, we have the human individual whose sense of being is confined, more or less, to associating his, or her personal identity with what is called, with a certain sense of self-degradation, as the essential dirtiness of sense-certainty. On the other side, there is the nobler form of human consciousness, which regards sense-impressions as merely shadows cast by reality.

This state of two minds is defined by regard for the ironies of the relationship of the creative powers of the individual human to the fictitious world of sense-perception, as I state the case for that, once more, here and now.

22. Contrary to liars such as the United Kingdom's Prince Philip, and his flunky and former U.S. Vice-President Albert Gore, there is no present "global warming" syndrome, except in the wicked delusions of the dupes who believe in the pro-genocidal lies of the World Wildlife Fund. The world has already entered an intermediate phase of clearly defined "little ice-age," global cooling.



The dome on Florence's cathedral, Santa Maria del Fiore completed in the 1440s, represents a scientific breakthrough, as well as a work of beauty, constructed with the use of the catenary curve. The architect, Filippo Brunelleschi, has his own statue in the surrounding plaza, looking up at his achievement.



the universe which has cast the shadows chosen by "A" as his or her reality. In the latter option, it is the unseen universe, "B," it is the universe which has cast the shadows called perceptions, which commands our loyalties.

It is the psychological-emotional difference between the notion of one's identity in "A," or "B," as I have addressed this already in *Economic Science, in Short*, which defines the role of human individual creativity in the universe, which defines the subject of Vernadsky's Noösphere. Here we meet the conception of the Leibniz-inspired, Classical European Enlightenment of such as Bach and Friedrich Schiller, as reflected in the con-

cluding paragraph of Percy B. Shelley's *A Defence of Poetry*.²³ Here, we encounter the essential principle of competent physical science and economy.

As I emphasized this in *Economic Science, in Short*: on the one side, as I have emphasized in the relevant preceding publication, we have sense-impressions, which are essentially mere "meter readings." These readings are not a direct representation of reality, but are as if shadows cast by each respective sense-organ's activity. If, on the one hand, the individual mistakes these "meter readings" for the real universe, then, he or she locates the efficient existence of his or her own identity in the presumption that what the metering instruments show, is our efficient relationship to the real universe. Call that the nature of sense of identity "A."

If, on the other hand, we accept the evidence that those shadows are just that, merely shadows of reality, then our attachment is to the universe of that reality, an attachment which then situates our sense of personal identity, as not attached to those mere shadows, but with respect to the universe at large: in sense of identity "B." Then, in the first case, our relationship as a person is to

A Brief Recapitulation

As I have emphasized, repeatedly, in earlier publications over the years, the common principle of all of the leading founders of modern science, including Filippo Brunelleschi as, more emphatically, Nicholas of Cusa, Leonardo da Vinci, Johannes Kepler, Pierre de Fermat, Gottfried Leibniz, and, more recently, Bernhard Riemann and his principal followers Albert Einstein and Academician V.I. Vernadsky.

While the founding principles of a successful mode in modern physical science have been set by the *De Docta Ignorantia* of the crucial Renaissance figure of Cardinal Nicholas of Cusa, there is more than one coin-

23. Or the comparable argument of Friedrich Schiller.

cidence between the roles of Brunelleschi and Cusa up through the time of the great ecumenical Council of Florence. The often overlooked, crucial scientific feature of the construction of the dome of the cathedral of Santa Maria del Fiore, as designed and conducted by Brunelleschi, is Brunelleschi's use of the function of the physical principle of the catenary, without which the construction would not have been feasible.

The catenary is a physical curve, sometimes identified as the funicular curve, rather than a formally geometric curve, a physical curve which lies at the center of the most crucial foundations of modern European physical science, including such outcomes as the Leibniz-Jean Bernoulli development of the crucial physical principle of a universal physical principle of least action. The catenary curve's physical properties were explored to crucial scientific effect by the celebrated follower of Cusa, Leonardo da Vinci, who advanced physical science in a functional way by presenting the functional interrelationship of the catenary and tractrix. There is a functional, virtually genetic sort of anti-Euclidean principle connecting this role by Brunelleschi, Cusa, and Leonardo, to both the duplication of the cube by the ancient Archytas and to the fundamental contribution of Bernhard Riemann's own superseding of formal geometries by physical geometry, as in his 1854 habilitation dissertation.

The essential fact of the matter is, that Brunelleschi and Nicholas of Cusa launched the only competent development of modern physical science, the physical science of non-Euclidean physical geometry; their opponents, such as the followers of Aristotle-Euclid and Paolo Sarpi's resurrection of a much-decayed intellectual corpse of William of Ockham, have been failures, often terrible ones, for longer than half a millennium since.

The Crucial Role of Physical Curves

This subject of the distinction between what are to be classed as "naturally" physical curves, such as the catenary, and the formal-geometric curves of the intrinsically, scientifically fraudulent system of Aristotle and his follower Euclid, is of crucial importance for locating a demonstrable sort of experimental form of proof of the true nature of the human mind.

It is important to take into account, in aid of clarity on this point, that Aristotle was a malicious liar, of which it is to be said, as by Philo of Alexandria on theology, that there was no truth, except on subjects such as suit-

able methods for political assassinations by poisoning, in the philosophy of Aristotle. My immediate reference here, is to the fraudulent character of the *a-prioristic*, axiomatic presumptions of Euclidean geometry.

The overthrow, by Bernhard Riemann, as in his 1854 habilitation dissertation, of that body of Sophist dogma attributable to the legacy of Aristotle-Euclid in geometry, was the culmination of a long body of resistance to the fraud of Aristotle-Euclid, in the poisonous assumption that physical reality must necessarily proceed from notions of space, time, and matter consistent with the ontological presumptions associated with sense-certainty. The existence of physical geometries which are experimentally real, but which discredit the kind of tradition of a-priorism associated with the Aristotle-Euclid hoax, is not merely the essential root of the quarrel between competent modern scientists and the pagan religious dogmas of the mathematicians, still today; the corresponding types of crucial-experimental physical evidence,²⁴ show us evidence which is crucial, inasmuch as states of physical processes exist, as typified by the case of the catenary's role in physical scientific subject-matters, which relegate the Aristotle-Euclid arguments to the realms of fairy-tales dwelling only outside the real world.

We had a recent, rather crucial demonstration of this point in the LaRouche Youth Movement basement crew's actual construction of a physical model of the discovery of the orbit of the asteroid Ceres as the team followed faithfully the construction indicated by the argument by Carl F. Gauss.²⁵ As the demonstration showed, conclusively, the possibility of Gauss's discovery existed only outside the confines of a pro-Aristotelean sort of a-priorism, in a tensor-space entirely outside the bounds of the Aristotle-Euclid or Newtonian mythologies.

Identity "A" is therefore fictitious; an identity of the type "B," is therefore mandatory, scientifically.

24. Elementarily physical bio-chemical evidence, such as that associated with the work of William Draper Harkins, V.I. Vernadsky, et al.

25. On the basis of such conclusive experimental evidence, there is no doubt that Gauss was entirely correct in informing Jonas Bolyai et al., that Gauss had already discovered a proof of a true anti-Euclidean physical principle, already during the 1790s, contrary to the weak, failed effort of so-called "non-Euclidean" geometry of Lobatchevsky, et al. Gauss had obviously been prompted by the rejection of Euclid by Gauss's teacher, the great Abraham Kästner, but had gone a step further than presently available records of Kästner's work show. The reconstruction of Gauss's discovery of the Ceres orbit, leaves no further doubt of the relevant connections.

Review the evidence which I have already considered in *Economic Science, in Short*, in that light. The fact that the strict interpretation of the case for Euclidean geometry is false relative to the crucial physical-experimental evidence, and that repeatedly, demonstrates that those assumptions based on the a-prioristic presumptions of such products of the Aristotle-Euclid presumption, and the modern perversion of that presumption known as empiricism, are intrinsically false to reality. The existence of, and importance of physical curves which are not axiomatically geometrical in origin, provides the key to discovering a true representation of either the universe, or, more modestly, of our practical relationship to it. Such is the “hereditary” implication of the Leibniz-Bernoulli universal physical principle of least action. The evidence supplied by the greatest followers of Bernhard Riemann, such as Einstein and Vernadsky, and, as emphasized by the great Eratosthenes, by the ancient Archytas who duplicated the cube by methods of construction, is crucial.²⁶

Identity ‘B’: The Timely Correction

As I had emphasized in *Economic Science, in Short*, the most crucial evidence of experimental scientific practice, as in my science of physical economy, is, the functions of sense-perception are those of merely shadows of the experienced universe around us. They are neither right nor wrong, except when we make the mistake of blaming them for the wrong interpretations we might often impose upon our experiences. Once we are prepared to presume that these might be merely shadows of reality, rather than a direct view of reality as such, we remain at least relatively sane, and more or less still on firm ground for practice.

As any competent reflections on the work of experimental scientific investigations suggests, we must treat our powers of sense-perception as like any other useful information secured through instrumentation. We must search for mutually contradictory evidence found

26. Clearly, those who challenge Euclidean geometry only from the inside, are being either intellectually cowardly, or simply incompetent. They, like Lobatchevsky, have employed themselves, at least ostensibly so, in the hopeless quest of challenging their systemically presumed universe, from within the bounds of its own systemically incompetent presumptions. Once we have liberated science from such follies, as Riemann’s habilitation dissertation did, we are obliged to rely on crucial-experimental discovery of universal physical principles, as Einstein and Vernadsky have done, rather than hoaxes such as the Aristotle-Euclid concoctions or the followers of the sophist Bertrand Russell in the so-called “Copenhagen School.”

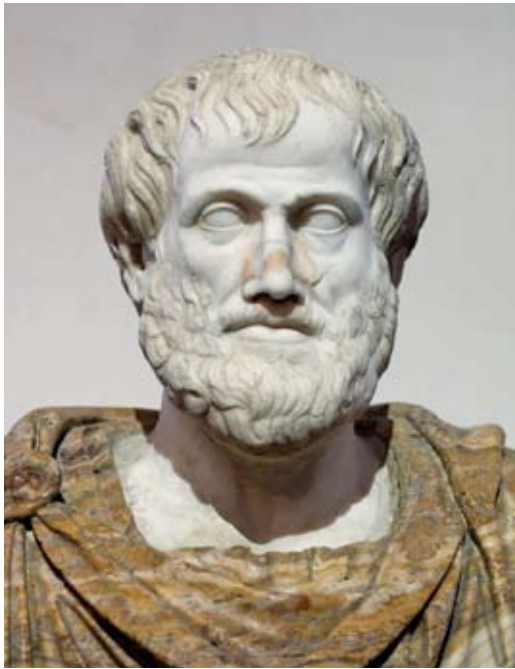
among the different senses, just as Kepler proceeded in his uniquely original discovery of the principle of universal gravitation ordering the behavior of our Solar system. It is the contradictions among such sources’ evidence, on which we are obliged to depend for practicable judgments as to what in our perceptions is illusion, and what is confirmed by examining the conflicting evidence of different specific powers of naturally given, or synthetic modes of sense-perception, as a way to check one type of such information against others.

This means, that, instead of regarding a particular kind of sense-experience as proof of principle, we must explore the contradictory messages of contrasted experience of the same event. In this way, we must reveal to ourselves the principle lurking commonly behind otherwise apparently contradictory, but coinciding experience. The crucial point here, is that the ability to remedy the discrepancies among qualities of sense-impressions, requires an agency which separates and connects the experience (Identity “A”) with respect to the identity of the human mind of the individual person (Identity “B”).

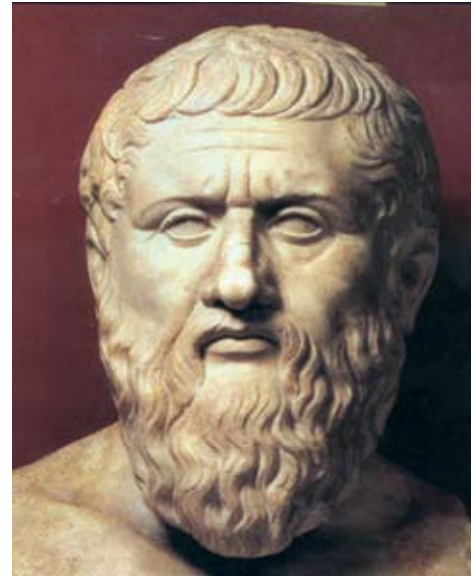
Thus, the relatively bestialized person believes in what we term “sense-certainty,” whereas the actually knowing person is focused upon the means by which relevant kinds of mutually contradictory sensed evidence can be resolved, as if by extended exploratory examinations conducted with the intent of uncovering, in that way, and no other, the nature of the universe (and of its current state) which we inhabit.

However, that observation which I have just introduced, must not be taken simplistically, as if in terms of individual experience as such. Wisdom lies not in individual experience, but in the history of man’s interaction with his knowledge of the evolution of experience. In this way, the necessary discipline of the serious thinker, is the need to rise above simple sense-perception of our individual experiences, to a notion which is customarily termed among relevant theologians as a “simultaneity of eternity.” In other words, rather than the foolish presumption, that “time,” as experienced, contains the universe’s actual history as a simple matter of chronology, we must presume what Albert Einstein and others have obliged us to consider as physical-space-time, rather than space and time as qualities presumed to be independent factors defining a fixed framework for our experience.²⁷

27. E.g. Hermann Minkowski’s celebrated, 1907 declaration of the end of “time by itself, and space by itself.”



The prototypes for the two conceptions of human identity LaRouche describes—Identity A as bounded by experience, and Identity B as defined by the human mind—derive from the opposing Greek philosophers Aristotle (left) (“A”) and Plato (“B”).



Such is the difference between the actual historian as a true scientist, of former times, such as my dear friend and collaborator, H. Graham Lowry, and the mere chronologists who have replaced them today.²⁸ Not that honest chronologists are not invaluable in their own right, but they have usually not grasped the principle of history itself as a scientifically lawful process expressing deep principles of history as in physical science, as my own studies of the physical-economic roots of European culture over the span from ancient Sumer to the present, illustrate. It is the ebbs and flows of the culturally-determined ebbs and flows of increases and decreases of the potential relative population-densities of cultures, peoples, and their nations, which are the true basis for historical physical space-time in the work of the competent historian, a basis which finds its determination in the notion of economy as an expression of ebbs and flows of physical space-time.²⁹

These historical flows of cultural processes, supply

28. H. Graham Lowry, *How the Nation Was Won Vol. I* (Washington, D.C.: EIR, 1987) Graham's second volume was suppressed in the making by, chiefly, two scoundrels, one Fernando Quijano and Quijano's lackey, the opportunist Webster Tarpley. Author (of *Treason in America*) Anton Chaitkin's protest against the fraud by Quijano and Tarpley, then, during 1990-1998, is relevant in this matter.

29. In the case of Anton Chaitkin's work, the title of his principal work, *Treason in America*, defines, rather exactly, a kind of phase-space demanding further attention by Classical historians.

the basis in evidence for accounting for Percy Bysshe Shelley's theses in his *A Defence of Poetry*. The appropriate subject of our attention in respect to that writing of his, as summarized in the concluding paragraph, is to be recognized as a statement of the same principle of dynamics introduced to modern science by Gottfried Leibniz during the decade of the 1690s.

Whereas, the reductionist followers of Paolo Sarpi and Sarpi's lackey Galileo, such as the hoaxster Rene Descartes, present an intrinsically incompetent view of physical science, an incompetent view which presumed the notion proffered to emptied heads by their stupefied admiration of objects floating eternally, in their empty heads, within empty space and time, Leibniz retorted to Descartes' fraudulent scheme, by presenting his revival of the ancient Classical Greek concept of *dynamis*, which has served since as the basis for the only competent modern conception of physical-space-time. Only the stunning opening paragraphs of Bernhard Riemann's 1854 habilitation dissertation, have had a more shockingly profound, and wonderful impact in favor of the progress of science, since the case of Leibniz's presentation of the concept of modern *dynamics*. Only the development of this conception of *Riemannian dynamics* by Albert Einstein and V.I. Vernadsky, has a comparably, deeply underlying, present importance for all mankind today.

The extremely significant implication, for our im-

mediate purposes in this chapter, of the line of argument which I have been presenting in the preceding paragraphs, is the nature and role of the intermediating process which distinguishes the viewpoint of adopted identity “A,” from that of identity “B.”

The Principle of Experiment

In the naive human creature, sense-certainty, as the fascistic behaviorist lackeys of the Obama administration typify this depraved, “instinctive” moral state of being, reigns over the kingdom of subjects which are the pathetically ignorant. The victim of such a delusion puts himself into a direct, dependent, essentially pagan, morally depraved relationship, to his own senses and appetites, his perceptions of more or less equally gratifying sensations of pleasure and pain. Here we have the case of the type produced by the essential principle of identity “A.”

As I have previously emphasized, in sundry places and occasions, the natural, healthy state of development of the individual human personality, prompts that person to despise the conduct, and the opinion of the behaviorist, as that of a victim of his own bestialized depravity. He has no actual morality, but, chiefly, in the final analysis, only the substitute for morality afforded him by his own depraved appetites. It is what he, or she, the narcissist, gets, especially “my own way,” rather than the satisfaction in what one is enabled to give, which is the mere mechanism which the hedonist, such as Friedrich Nietzsche, or the utterly depraved Roman Emperor Nero, adopts as a replacement for actually human morality.

The distinction of this depraved individual from the moral person is to be discovered, at least most efficiently, by examining, clinically, the processes of sense-perception. What is the human individual’s functional relationship to the system which is his, or her relationship to the experience of sense-perception? It is precisely here, that the functional distinction between type “A” and “B” is most readily located.

It can, and should be said, at this point in the report, that the result of a careful consideration of this question, as to the nature of the difference between the two types, is located in the notion of man and woman as made in the image of the Creator, as defined in *Genesis I*, or the epistles of such as the Apostles Paul and John.

The brutish person sees sense-perception as immediate reality; type “B” sees the object of sense-perception as a shadowy symptom of the efficient presence of an

unseen reality. Not only is what is adduced thus received; but, the receipt prompts a response to the known efficiency of the unseen reality of the universe we inhabit.

So, the relationship of Type “A” to the reality of the same experience, as I defined this distinction in *Economic Science, in Short*, differs absolutely, in principle, from that of Type “B.” Type “B” corresponds to the specifically dynamic, scientific outlook of such as Leibniz, Riemann, Einstein, and Vernadsky.

Return, for a moment, to a Percy B. Shelley considered from this same vantage-point.

The revolution in that explicit definition of modern physical science supplied, beginning the 1690s, by Gottfried Leibniz, the introduction of the principle of dynamics, is to be considered as a notion identical to the thesis presented within the closing paragraph of Shelley’s *A Defence of Poetry*:

“The most unfailing herald, companion, and follower of the awakening of a great people to work a beneficial change in opinion or institution, is poetry. At such periods there is an accumulation of the power of communicating intense and impassioned conceptions respecting man and nature. The person in whom this power resides, may often, as far as regards many portions of their nature, have little apparent correspondence with that spirit of good of which they are the ministers. But even whilst they deny and abjure, they are yet compelled to serve, that power which is seated on the throne of their own soul. They measure the circumference and sound the depths of human nature with a comprehensive and all penetrating spirit, and they are themselves perhaps the most astonished at its manifestations, for it is less their spirit than the spirit of the age. Poets are the hierophants of an unapprehended inspiration: the mirrors of the gigantic shadows which futurity casts upon the present; the words which express what they understand not; the trumpets which sing to battle, and feel not what they inspire; the influence which is moved not, but moves. Poets are the unacknowledged legislators of the world.”

That passage from Shelley’s work is also an echo of the concept of *dynamics* which Leibniz brought to bear against the evil of Descartes.

We are not the particles of which the whole process

which we inhabit is composed. We are an expression of that which controls our thoughts and behavior in their effect upon the large, except for those among us who sit above such levels, as those who are qualified to lead societies out of self-inflicted dangers, must exist to do. We who meet that challenge of being representative of Type “B,” are the only ones fit to lead society upward out of its own self-inflicted threat of doom, as in the world at large, as now. Such is the social dynamic principle which gives a civilization moral fitness to survive such calamities as grip the world in its entirety at this moment.

Please, therefore, for humanity’s sake, now join the ranks of Type “B.”

IV. The New Economics

In my earlier professional incarnation as a management consultant, and in my kindred professional functions as an economist, I was often privy to intimate glimpses into the management practices of still functioning firms which were haunted by the memory and other effects of the plausible tycoons who had once led these enterprises, or their like, during the first half of the Twentieth Century and its great economic depression. The generation of their management which I knew personally, was often typified by a blending of surviving sundry heirs and professional managers, who reigned in such firms during the period of my young manhood and later, most among whom were, at their best, pale ghosts of the figures who had formerly led those enterprises.

*My direct experience of that sort gave me the advantage of insight into the history and related characteristics of numerous categories of firms comparable to those types I knew more intimately during my own time. There are important lessons to be shared today, to be adduced from my knowledge gained from that time. When I have looked at them, I often recalled the principle of Leibniz’s dynamics represented by a passage which I have just cited from what you should recall from the concluding paragraph of Percy Bysshe Shelley’s *A Defence of Poetry*: “The persons in whom this power resides, may often, as far as regards many portions of their nature, have little apparent correspondence with that spirit of good of which they are the ministers. But even whilst they deny and abjure, they are yet compelled to serve, that power which is seated on the throne of their own soul.”*

In the post-World War II times under the 1945-1953 reign of the unlikely President Harry Truman and his crew, the memory of the President Franklin Roosevelt who had saved us was still powerful to many of us as persons, but his political legacy was already fading in Washington, D.C. itself.

Post-Franklin Roosevelt Wall Street had been in a hurry from the start, hastening to rid the economy and the minds of citizens of almost anything which was a serious reflection of President Franklin Roosevelt’s U.S.A.

Essentially, while these enterprises had been something of significance during several decades of earlier time, most notably during the decades preceding the Hoover depression, the managements of those firms, during my encounter with them, were, essentially, living on the laurels, not the intellectual legacy of the deceased late President. It was a time when Wall Street was already in the process of digesting the once respectable, privately held enterprises into a state of on-coming extinction. For that moment, the heirs of the old management enjoyed pretending that they were demigods of entrepreneurial prowess; in reality, they were nothing of the sort. The old pirates, their fading predecessors, even in their kindest moments, would have seen their successors with pity and disgust.

The present managements of my time, during the 1950s and 1960s, assumed that they carried the genes of past economic achievement; but, in fact, they only tried to imitate it, as President John F. Kennedy attempted with some brief successes. There was some remaining, honest skill among the management cadres of such firms, especially the scientists and leading technicians at least, this had been true, at first; but, the system as a whole was already rotting from the top down. Ownership mimicked what it assumed as a style in appropriate postures and imagery, without really understanding anything about the end-result of the post-war process as a whole. Actually, they understood nothing of durable importance respecting the longer term of the economy at large. The ugly years of the Truman Presidency had taken a terrible moral and intellectual toll.

Now, for the most part, those figures from the past, even from most from among my own generation, are now dead in fact. Even the crumbling recollections of what had been the relatively successful management practices of the heirs of the World War II economy, have now become a parody of an abandoned past, a kind of mental, economic wind-up toy which the reigning fi-



The economic policies of President Franklin Delano Roosevelt, shown here talking with a homesteader in North Dakota in 1936, must be revived, if our republic is to be saved.

nancier interest of today has no competence in rewinding, with no real actual desire to rewind that which they presume they have inherited as an acquisition gained in the outcome of some shoddy financial swindle led by a Felix Rohatyn or his like. During the late 1970s and 1980s, I also came to know a sampling of some of the best managements in the Federal Republic of Germany; they, too, and their competence, are now chiefly lost in the memories of the past. The utter incompetence in economics matters by the picaresque swindlers of the world since the October 1987 U.S. stock-market crash, has taken over business and related power; but they have no idea of how the damned thing which they had acquired actually ever worked.

Now, especially since the downturn which came approximately March 1, 1968, we have come to far worse times than those of my young manhood of the immediate post-war decades. Even during those decades, we heard chatter about shrewd economic schemes; but, virtually none of the leading present managements of recent decades, has shown even what courtesy might prompt me to identify as respectable competence in management of our nation's economy. Most have become little better than swindlers in the likeness of Enron, of far less than some actual use to anyone, even themselves. Virtually no one in a position of financial potency in finance or management of the shredded remains of infrastructure,

agriculture, and industry, actually has the slightest conception of how to go about bringing our virtually dead economies of the Americas and Europe back to life.

Today, authority and competence have virtually no common ground in either the enterprises or the financial houses and business management schools of today. Only a handful of economists, whose speciality is a serious grounding in recent centuries of history, are likely, these days, to show any actual competence in attempting to fix up the presently, rapidly disintegrating world economy of today.

Presently, the only remaining hope for our republic, and, also, even the world at large, is that the presently accelerating contempt which the Obama Presidency's performance is bringing down upon itself, will bring

a qualitative change in the top-most positions of political and private economic leadership, something akin to the Franklin Roosevelt victory brought about in a rather different way all its own.

In the meantime, what has passed for the economic practices of the U.S. Presidencies since March 1, 1968, has been a tried and tested mastery of the art of awful economic incompetence. That fact is the most crucial knowledge which must be brought to the efforts to rescue the world economy from its presently onrushing plunge into a global new dark age today. That is to say, that most of what passes, in today's popular opinion, leading political circles, or otherwise, for competent principles of economic management of either governments or private enterprises, is, like Goldman-Sachs, worse than sham.

Such has become the spirit of this present age.

"Lemonade, anyone?!"

Beginning November 11, 2004, I proposed to relevant circles of the U.S. Democratic Party that the Party pick itself up from the floor of the incredible re-election-victory of the Bush-Cheney ticket, by preparing to defend Social Security against the campaign of rape intended by the pathetic Bush. My proposal was taken up successfully by the Democratic Party during 2005. During that same year, I launched a companion effort to prepare to rescue the massively imperilled U.S. auto-

mobile industry. On the latter account, I proposed to assign the portion of the floor-space and personnel no longer required for automobile production, for high-technology-driven programs of building up basic scientific, infrastructure and advanced industrial programs. This latter effort could have worked, but it was sabotaged by Felix Rohatyn and other swindlers in the international financier wings; in February 2006, the U.S.A. abandoned, and destroyed, the U.S. auto industry, which was thus already doomed to experience, under President Obama, what has happened to it now.

What has happened to our nation and its economy, out of a series of disastrous tours through the Bushes, and, now, the made-in-London Obama reign, has been an era ruled by something tantamount to treason, in transforming us into the wreck of the new century, the manifest destruction of our economy and much else under the direction of circles representing London-centered monetarist agencies which have sought to destroy our republic since its emergence, after February 1763, as a force of resistance to the drugs and slavery interests of the emergent world imperialism of Lord Shelburne's British East India Company.

Later, on July 25, 2007, I forecast that immediate breakdown of the U.S. economy into new world depression, the same still oncoming general, global economic breakdown-crisis under which the entire world is virtually dying today. At that time, I proposed the urgently needed action to rescue the remains of the U.S. chartered banking system through reorganization in bankruptcy, while also placing the entire system of mortgaged resident homeowners under bankruptcy protection from foreclosures. During the following weeks, into mid-September, I completed a set of proposals, all based on what I presented in my July 25, 2007 international webcast address; I proposed actions which would have, if adopted, saved the United States, in particular, from all of the ruin which both the U.S. Congress and both George W. Bush, Jr. and Barack Obama have heaped on the U.S.A. and also most of the world, since that time.

In view of the now rapid sinking of the Obama farce, at last, the fresh chance for new leadership of our republic appears to be a bit better than an early possibility that we will get up from the dirt of a Nero-like arena, for one more chance at becoming ourselves once more. However, there is still much that is very grim.

As a result of that particular history, today, the history of the notable combined effects of the measures ac-

tually taken by the U.S. Congress and the Presidency, the result has been that the entire world is now plunging, at an accelerating rate, into a general, global breakdown-crisis. This is a crisis which, unless stopped by measures which I have presented, will mean the death of civilization, and perhaps as many as billions of people as a result of the policies which Britain's Prince Philip of the World Wildlife Fund, together with his foolish son and their lackey, former Vice-President Al Gore have proposed. A proposal which those culprits have made in response to an alleged, but non-existent "Global Warming" crisis. The intended destruction of civilization globally is presently intended to occur, beginning immediately, during the great global breakdown-crisis of the period of history immediately ahead. Adolf Hitler would be drooling in envy, were the British owners of their puppet-President Barack Obama, to have their way in health-care and other pet Obama "reforms."

Thus, if the U.S. economy is actually being destroyed out of the malice represented by puppet-like British instruments such as Barack Obama, say, "Scylla and Charybdis," as it is, presently; the present U.S. government and industry have the ability to destroy the United States through their malice; but, in general, they could not save it, if they would. The only world monetarist systems in which the United States and Europe functioned since March 1, 1968, are immediately doomed beyond hope; but, the reigning opinion has not a shred of intentional competence needed to save the world from a new dark age.

True, President Franklin Roosevelt saved civilization from a plunge into a dark age earlier. Something similar could have been done, as I had proposed in 2007. With what has happened since 2007, especially since the bail-outs of early 2009, only something much more drastic than a return to FDR, could rescue civilization today. Only the replacement of the world's monetary system by an Alexander Hamilton-style American constitutional form of credit-system could save any part, or all parts of global civilization today. This needed rescue needs much more than mere words on paper; it requires appropriate action. It requires the actions in policy-shaping for which I am the leading spokesman now.

Certain Very Hard Facts

The only actually available beginning of a general remedy for the presently accelerating, global, general physical-economic breakdown-crisis of both our re-



Library of Congress

It is long past time we returned to our Constitutional commitment to a national credit system, specifically that which was embedded in our Constitution by our first Treasury Secretary, Alexander Hamilton, shown here in a 1861 engraving.

public and the world at large, lies in two mutually indispensable general measures of reform:

- 1.) Put the U.S. financial system through global reorganization in bankruptcy, writing off the mass of financial trash which has been accumulated under the leaderships of Alan Greenspan, Henry Paulson, Timothy Geithner, and the Obama crew generally, and transferring those assets consistent with the earlier Glass-Steagall standard from the accounts of a Federal Reserve-cued monetary system, into a re-suscitation of our Federal constitutional absolute commitment to a credit-system in our patriotic Hamiltonian, constitutional tradition.
- 2.) That affirmation of our Federal Constitutional commitment to a credit-system, rather than a monetary system, will create the premises for bringing a selection of qualified leading nations of the planet into a pioneering action whose intent will be to bring the U.S.A., Russia, China, India, and certain other key-

stone-nations of a new global credit-system, into being, to replace the incurably rotten, existing world monetary system. Without writing off most of the pure financial trash encumbering the economies of the entire world today, no physical-economic recovery of the planet from the present, planetary process of collapse into a planetary “new dark age” would be possible.

But, we also need:

- 3.) The eradication of all international authority over the rule of this planet except that authority represented by a set of perfectly sovereign nation-state republics. The standard used for this purpose must therefore use the precedent of the post-World War II measures which President Franklin D. Roosevelt had intended, had he lived. The legacy of the Truman-Churchill, pro-neo-colonial betrayal of civilization on the occasion of President Franklin Roosevelt’s death must be eradicated from the institutions of international cooperation among sovereign republics.
- 4.) The immediate adoption of the use of a new international credit-system, represented by perfectly sovereign nation-state republic, and the cancellation of measures of so-called “globalization,” according to the principles of peace adopted according to the legacy of Cardinal Nicholas of Cusa, the principles of the 1648 Peace of Westphalia. The sovereign nation-state must be restored to its rightful place as the true agent of representation of its people and their tradition. and all marches in the direction of a new, London-steered “Tower of Babel” must be cancelled without exception. A system of protectionist measures in aid of this policy must be established by treaty agreements among perfect sovereigns.
- 5.) The sovereign nation-state republics of the planet must be engaged in an approximately fifty-year program of mobilization of national credit-systems for cooperation in urgently needed projects of basic economic infrastructure and development of industrial and agricultural productivity. The emphasis, from the start, must be large-scale, largely capital-intensive investments in basic-economic infrastructure throughout the planet, under a fixed-exchange-rate system of credit for the world as a whole. To achieve the intended goal, borrowing costs of between 1.5-2.0% simple interest shall be the standard for such investments in recapitalization of the greatly increased productive powers of labor per capita and per square kilometer throughout the world.

British Imperial Assets Move To Explode Eurasia

by Nancy Spannaus

July 10—Every aspect of the global strategic situation underscores the reality that Lyndon LaRouche laid out July 4: We are in the end-game for civilization. One of the most prominent markers, is that the British-Saudi drug-terror networks are on a full-scale offensive to destroy all vestiges of nation-states, in a rush to ensure that there is no effective resistance to their new global feudalism, as the financial breakdown crisis enters a new, more devastating phase.

Most stunning is the explosion in what used to be called British agent Bernard Lewis's "Arc of Crisis," which LaRouche exposed in his prescient 1999 video, *Storm Over Asia*. The British Empire has activated its drug-fed terrorist networks, from Chechnya and the Caucasus in the West, to Xinjiang and Tajikistan in the East, and they are causing mayhem. China, Russia, and India are all targets of these attacks, which can be considered merely the prelude to even more devastating assaults, potentially including an Israeli nuclear attack on Iran.

It is also within this context, that the outbreak of the Honduras crisis, provoked by British-Soros networks, should be understood. (See following article.)

Hot Warfare

Getting the most international attention in the British-sponsored terror upsurge, is the situation in China. The latest outbreak, with riots that have killed at least 156 people and wounded over 1,000, was in Urumqi,

capital of the Xinjiang Uighur Autonomous Region, in far western China.

Thousands of hard-core militants who were operating in Pakistan's border regions, have been forced out of their bases by the Pakistani Army, and have moved back into Central Asia. There are some 10,000 of these militants; and the various groups, supported by Saudi funds and recruitment operations, are expanding, according to regional intelligence sources. Few governments have any capability of dealing with these militants, who are supported by the opium-trafficking operations that run through the Fergana Valley, and other routes, and by Saudi money. Kyrgyzstan and Tajikistan, in particular, are extremely poor; and borders are almost impossible to control in this vast, mountainous region.

About 1,000 of the militants ousted from Pakistan are ethnic Uighurs, who are fighting against the Chinese government to establish an independent East Turkestan. The Chinese authorities are holding the exiled separatist World Uighur Congress responsible for inciting the riots, and for attempts to spread violence to Kashgar and other cities, but these are under tight control at this time. Chinese authorities also recently warned about the unprecedented increase in opium trafficking from Afghanistan.

Among the nations also affected by the Afghan drug nest is Kyrgyzstan. On June 8, President Kurmanbek Bakiev warned of the effects of the conflict in Afghanistan and Pakistan on the region as a whole: "If the con-

flict against the Taliban further deepens in Afghanistan, then where will they escape? God save us, but they could move towards Tajikistan, Kyrgyzstan, and Uzbekistan,” he stated, the *Asia Times* reported.

Kyrgyzstan has been attempting to increase security on its borders, and reported a battle with Taliban fighters on June 23. Uzbekistan, which has been warning about increased attacks from the banned Islamic Movement of Uzbekistan, is now digging trenches on its border with Kyrgyzstan. NATO Secretary General Jaap de Hoop Scheffer said on June 25, in an interview from the NATO security conference in Astana, Kazakstan, “If extremists want to cross borders into Central Asia to continue their horrific work there, NATO cannot possibly stop that.”

Surrounding Russia

Fighting is also increasing in Russia’s North Caucasus, as if in a replay of the British strategy of encircling, and carving up, Russia, zealously promoted by Zbigniew Brzezinski in 1979. On July 4, in Ingushetia, militants ambushed and killed nine Chechen policemen who were assisting the Ingush police force. On June 22, a suicide bomber had badly wounded President Yunus-Bek Yevkurov and killed several others.

Earlier in June, a Supreme Court judge and a former Deputy Prime Minister of Ingushetia, and the Interior Minister of Dagestan, Adilgirei Magomedtagirov, were all assassinated. Russian President Dmitri Medvedev said that Moscow’s response to the attacks will be “direct and brutal,” and called on Chechen President Ramzan Kadyrov to lead the fight against the insurgency in the region, which has taken the lives of a number of Russian soldiers and others recently.

The Caucasus as a whole remains volatile, as Russia is carrying out military maneuvers in the area, and the Georgian government continues to press its anti-Russian campaign, including for membership into NATO.

Meanwhile, all the lies about “victory” in Iraq are being exposed by the ever-mounting death toll there, as U.S. forces pulled out of urban areas in late June. Some 447 people were killed in bombings in Iraq last month, after 63 were killed in May, and 216 in April, with many scores more wounded every month.



EIRNS/Stuart Lewis

Britain’s Bernard Lewis, mastermind of the “Arc of Crisis.”

At the same time, the insane decision by President Obama to deploy a “surge” into Afghanistan is causing a dramatic increase in the attacks on American troops. On one day, July 6, seven American soldiers were killed, four of them in a roadside bombing in the allegedly less violent northern region.

And what about Iran? There is every indication that the “trump card” the British wish to play, in order to blow up the planet, is around the Iran issue.

A senior U.S. intelligence source has confirmed news reports that Israel and Saudi Arabia are secretly negotiating over air routes for an Israeli Defense Forces attack on Iran’s purported nuclear weapons sites. The source reported that Israeli officials are in talks with representatives of many of the Gulf Cooperation Council states, and that at least three possible bombing routes are being negotiated. Saudi-Israeli talks, crucial to any such Israeli attack, are being mediated through Egyptian and Jordanian intelligence channels, according to the source.

The source emphasized that Saudi Arabia and Israel, today, are the two “anchors” of the Sykes-Picot British controls over the politics of the extended Persian Gulf/Eastern Mediterranean region. Under no circumstances, the source emphasized, do the British wish to see Iran and the United States enter into a diplomatic normalization—especially a process that resolves the dispute over Iran’s nuclear energy program. Exploiting Obama’s well-known and well-profiled Nero complex, the British have seized the initiative on the Iran crisis, and have pushed a hard line against Tehran, intended to bolster the internal position of Supreme Leader Khamenei and President Ahmadinejad, and make U.S.-Iranian diplomatic talks far more difficult.

“If the United States and Iran were to normalize diplomatic relations and solve the impasse over Iran’s nuclear program,” the source emphasized, “the entire British game would be up. So London is doing everything it can to heighten the tensions, weaken the Iranian opposition, and maintain its ‘managed chaos’ program for the region. A Saudi-Israeli agreement, based on the idea of a confrontation with Iran, is at the heart of the Sykes-Picot scheming today.”

Mary Burdman and Jeffrey Steinberg contributed to this article.

George Soros and the London Honduras Caper

by Dennis Small

July 10—Lyndon LaRouche issued a statement on June 30, asking if President Barack Obama’s support for the June 27 attempted coup d’état by former Honduran President José Manuel Zelaya, was a reflection of Obama’s own plans to try something similar in the United States.

“All indications are that that is the case,” LaRouche asserted. “Obama is betraying the mentality of a fascist dictator. Is he headed for a dictatorship? The pattern points in that direction,” LaRouche stated, noting Obama’s Nazi health-care, cap-and-trade, and bank bailout policies as symptomatic of the problem.

LaRouche pointed to the essential facts in the Honduran case: Then-President Zelaya attempted to organize a June 28 referendum to call a Constituent Assembly, which in turn was to modify the Honduran constitution to allow him to run for reelection. But such referenda are unconstitutional in Honduras, and the Supreme Court, the Congress, and the Attorney General all rejected the Zelaya initiative on those grounds.

Zelaya attempted to proceed by force regardless, and ordered the army to distribute ballots, and then cashiered the head of the armed forces when he refused to carry out the unconstitutional order. The Supreme Court reinstated the fired general and issued an arrest warrant for Zelaya, which the military carried out just hours before the illegal referendum was scheduled to begin. The military then put Zelaya on an airplane to neighboring Costa Rica, and the Congress named its president Roberto Micheletti as acting President of Honduras, until new elections could be held.

“They did the right thing,” LaRouche commented. “The guy was making a coup against his own Constitution. His own government and his own Supreme Court condemned him for crimes against the Constitution. And now, many of the governments in the region, and Obama, are lined up to defend him. Are these governments going to be stooges for Obama when he does the same thing in the United States?” LaRouche asked.

Despite Obama’s instant, and dangerous call for Zelaya to be unconditionally reinstated, cooler (and

saner) heads in Washington prevailed, and, through a timely meeting of Secretary of State Hillary Clinton with the deposed Zelaya in Washington, a framework was established for a negotiated solution to the crisis, through the mediation efforts of Costa Rican President Oscar Arias. Zelaya, goaded on by Venezuelan President Hugo Chávez and his “Bolivarian Alternative for the Americas” (ALBA) allies—many of which governments are notoriously dependent on George Soros’s drug money and influence—had attempted to forcibly return to Honduras on July 5, in a Venezuelan plane, but was fortunately prevented from landing by Honduran authorities.

Furious at the fact that Secretary Clinton’s sanity has, so far, prevailed, Chávez—a psychologically unstable British asset—lashed out during a press conference on July 10, saying that he had called up U.S. Assistant Secretary of State for Inter-American Affairs Thomas Shannon, to deliver “a message” to the Obama government, that Clinton’s proposed negotiated solution to Honduras’s internal crisis was a “very grave error,” which must be reversed.

“Let’s hope that President Obama arrives [from his foreign trip—ed.] and puts things in their place,” Chávez said, demanding that negotiations between ousted would-be dictator Zelaya and current President Roberto Micheletti had to be ended.

The Drug Angle

Behind the foiled Zelaya coup was the long arm of the British empire, and the pro-drug apparatus of their puppet George Soros, the world’s leading financier of drug legalization, whose outlook was shaped by his adolescent training by the Nazi occupants of Hungary during World War II, as Soros himself proudly proclaims, up to the present time. Soros has been hyperactive of late in the region, deploying narcoterrorist operations, and huge amounts of drug dollars, to carry out vote fraud against Alfonso Elís Serrano, the pro-development, anti-drug candidate for governor of Sonora, Mexico, whom he wished defeated, at all costs.

Soros and his allies also just orchestrated a shake-up of the Argentine cabinet to put drug legalization hitman Aníbal Fernández in as head of the cabinet in the Cristina Fern@andez de Kirchner government, at a decisive moment of the drive to legalize drugs in that country.

In Honduras, the new Foreign Minister, Enrique Ortez, told CNN on the very night Zelaya was ousted,

that during his Presidency, “three or four Venezuelan-registered planes landed illegally, bringing thousands of pounds . . . and packages of money that are the fruit of drug-trafficking. We have proof of all this. Neighboring governments have it. The DEA has it.”

A DEA spokesman told the Associated Press that he could neither confirm nor deny the charge. However, the 2009 edition of the U.S. State Department’s International Narcotics Control Strategy Report (INCSR) states that, in 2008, there was an increase in transshipments through Honduras of cocaine, and of pseudoephedrine and other precursor chemicals. Although the report is careful to state that, “as a matter of policy, the Government of Honduras does not facilitate the production, processing, or shipment of narcotic and psychotropic drugs or other controlled substances,” it takes note of the fact that “official corruption continues to be an impediment to effective law enforcement, and there are press reports of drug trafficking and associated criminal activity among current and former government and military officials.”

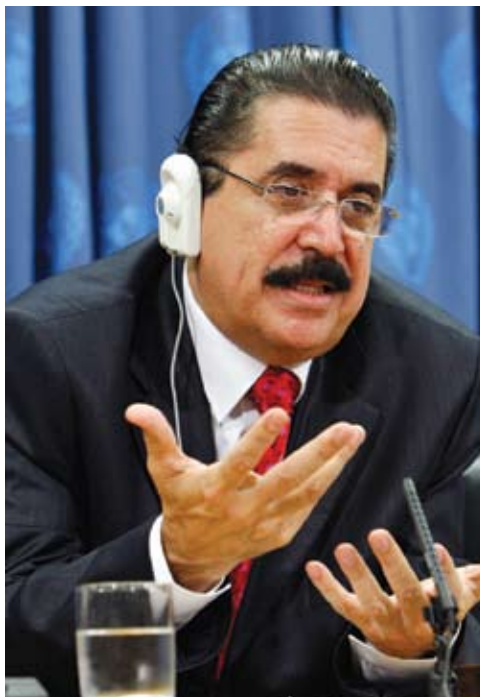
Zelaya had definitely become a part of Soros’s stable of current and former Ibero-American heads of state calling for drug legalization. On Oct. 13, 2008, Zelaya told a regional meeting of top anti-narcotics officials meeting in Honduras that consumption of “chemical, synthetic and natural” drugs should be legalized.

The Constituent Assembly Angle

In addition to drugs, there is another crucial aspect of London’s Zelaya caper whose significance has been largely overlooked.

The snapping point in Zelaya’s rule was his illegal attempt to impose a Constituent Assembly—an issue which actually goes back to 1991 . . . and to 1808.

In the early part of the 19th Century, British Prime Minister Lord Shelburne’s chief agent for France and the Americas, the perverse “philosopher” Jeremy Bentham—the father of the doctrine of “utilitarianism,” which guides Obama’s economic advisors today—pro-



UN/Eskinder Debebe

Former Honduran President José Manuel Zelaya.

moted the idea of Jacobin-style mob-rule, as a way of undermining the revolutionary effect that the American Revolution was having throughout the Americas. His theory of “the sovereignty of the people,” and “*vox populi, vox dei*,” was promoted by South American Liberator Simón Bolívar, until he himself awoke to Bentham’s perversity at the end of his life—something which today’s “Bolivarians” have yet to do.

The British Benthamite doctrine of “the will of the people” later became the basis of the legal doctrine of Adolf Hitler’s Nazi regime, as expounded by the Crown Jurist of the Third Reich, Carl Schmitt. Schmitt advocated that the “will of the people,” as expressed and interpreted by their Supreme Leader, such as Hitler,

could do as it saw fit, writing and ripping up constitutions at will, with utter disregard for the General Welfare.

Venezuela’s Chávez is a self-proclaimed follower of the doctrine of Schmitt, which he has implemented thoroughly in “Bolivarian” Venezuela. Beginning in 1999, Chávez perfected the art of the “Constituyente” in Venezuela, calling one referendum after another to dismantle whatever institutions were in his way. Other South American countries with heavy Soros influence, such as Bolivia, have since followed suit.

But Chávez was not the first kid on the block to go the British Benthamite route—regardless of what he himself may think. In 1991, the Colombian cocaine cartels bought and paid for an illegal Constituent Assembly in that country, which proceeded to disband the sitting Congress and rewrite the Constitution—to prohibit extradition of drug runners to the U.S., among other “democratic” causes.

This is the nature of the British-run “Bolivarian” beast that has mobilized to defend Zelaya’s attempted coup. It is a component of the overall British strategy to wipe out the last vestiges of the American Presidential system in the Americas, and replace it with British parliamentarism . . . and drugs.

Preemptive Obedience: German Parliament Violates Constitution!

by Helga Zepp-LaRouche

July 3—Mrs. Zepp-LaRouche is the national chair of the Civil Rights Solidarity Movement (BüSo), a German political party that has opposed the European Union and its Lisbon Treaty from the start. Her statement was translated from German.

The German Federal Constitutional Court's long-awaited ruling on legal challenges to the Oct. 8, 2008 Act approving the European Union's Dec. 13, 2007 Treaty of Lisbon, and also to the "Act Extending and Strengthening the Rights of the Bundestag and the Bundesrat in European Union Matters," is a mixture of some very good, and some very bad elements. What is particularly bad, is that, in principle, the justices approved the Monster of Lisbon, despite the fact that the Irish "no" vote (and before that, the French and Dutch voters' "no"), had already nullified the treaty, according to the treaty's own provisions.

It is, on the other hand, highly significant that they declared the treaty to be valid only in the interpretation formulated by the Constitutional Court itself. And that interpretation includes, for example, the definition of the EU as a federation of countries retaining their national sovereignties. The court ruled that a revision of Germany's Basic Law [i.e., its constitution], as far as it concerns the principle embodied in Article 1 and Article 20, is impermissible, and stressed that European integration may not result in the system of democratic rule in Germany being undermined. And—equally important—the Constitutional Court reserves its right to review the constitutionality of the function of the European Union's institutions.

With this ruling, the Constitutional Court has defended the Basic Law, thus interrupting the dynamic underway since the adoption of the Maastricht Treaty in 1992, by which the EU has been increasingly transformed into a bureaucracy which is at the same time imperial and economically self-strangling, thanks to

the Stability Pact. That aspect of the ruling is quite good. But other, extremely serious problems remain.

The court ruled that the Bundestag [lower house of parliament] violated the constitution when it passed the "Act Extending and Strengthening the Rights of the Bundestag and the Bundesrat," because the rights of participation of the Bundestag and the Bundesrat in EU institutions have not been elaborated to the constitutionally required extent.

In acting as it did, the Bundestag did not strengthen its rights, but instead yielded to governmental pressure, simply handing over essential rights to protect the general welfare, to the EU bureaucracy in Brussels. Without the timely mobilization by the Civil Rights Movement Solidarity (BüSo), along with the constitutional challenges, and were it not for the still-undecided outcome of developments in Ireland, Poland, and the Czech Republic, we would be on the way to an oligarchical dictatorship run by Brussels—including military deployments over which the German government would have absolutely no say!

How the Treaty Was Passed

The fact that the court in Karlsruhe found that the Bundestag's passage of this law was unconstitutional, throws a dramatic spotlight on the condition of democracy in Germany. Let us recall some recent history.

On Dec. 13, 2007, the EU heads of state, meeting in Lisbon, signed an EU "Treaty," which was 95% identical to the EU Constitution that had been rejected in 2005 by referendums held in France and the Netherlands. Leading legal experts in many countries expressed the view that the Lisbon Treaty would transform the European association of sovereign nation-states into a federal state, in which governmental authority would no longer emanate from the nation's people, as is required by Germany's Basic Law. That would involve a far-reaching amendment to the

The Federal Constitutional Court, which placed constitutional restrictions on Germany's participation in the Lisbon Treaty.



Bundesverfassungsgericht

Helga Zepp-LaRouche addresses the BüSo convention in Frankfurt-Sossenheim on May 17, 2009. The LaRouche movement in Germany campaigned against the European Union's anti-nation Maastricht Treaty before 1992, and today is opposing the Lisbon Treaty, a supranational monster.



EIRNS/Stuart Lewis

constitution, requiring a referendum.

The heads of state apparently shared French President Nicolas Sarkozy's view that such referendums would result, in every country where they were held, in a "no" vote. So, they sought to obtain ratification directly through national parliaments as quickly as possible, without much public notice. As anyone can verify with an Internet search, during the period between the December 2007 EU summit and the Bundestag's vote in April 2008, not a single substantial article or report appeared in the so-called leading news media, which

might have given the public an inkling of the broad scope of the Lisbon Treaty's provisions.

Almost by chance, this author discovered this operation, and the fact that the Treaty on which the Bundestag was supposed to vote existed nowhere in writing; instead, only the changes to the rejected EU constitution were available. In a presentation in Munich on Feb. 13, 2008, I called for opposition to the Treaty, and set in motion a Europe-wide campaign to expose its real nature.

During this mobilization, it also became clear that many members of the Bundestag had not read the Treaty at all, much less studied it carefully, but simply yielded to the pressure of the government and of their parliamentary caucuses. On April 24, 2008 the Bundestag ratified the Treaty with 515 "yes" votes against only 58 "no" votes and one abstention; and on May 23, the Bundesrat [upper house of parliament] did the same. Shortly thereafter, constitutional complaints were filed, first by Christian Democratic representative Peter Gauweiler, and then by the Left and the Environmental Democratic Party (ÖDP).

Constitutional Duty Neglected

The second panel of the Constitutional Court has now found unconstitutional the law enacted by parlia-



www.eu2007.pt

German Chancellor Angela Merkel and Foreign Minister Frank-Walter Steinmeier sign the Lisbon Treaty, Dec. 13, 2007. The treaty was signed by all EU heads of government, and has since been ratified by 23 out of 27 EU nations, but cannot go into effect without unanimity. An Irish “no” vote in a 2008 referendum has blocked it. The fight continues.

ment for broadening and strengthening the powers of the Bundestag and Bundesrat, “insofar as the Bundestag and the Bundesrat have not been accorded sufficient rights of participation in European lawmaking procedures and treaty amendment procedures.” In other words: Rather than expanding and strengthening the powers of the Bundestag and Bundesrat, it gave up these powers, and delegated them to Brussels! The Court recognized the unconstitutionality in respect to Basic Law Article 38, Section 1, which says: “1) The delegates of the Bundestag will be chosen by general, direct, free, equal, and secret vote. They are the representatives of the entire people, not bound by orders or instructions and subject only to their own consciences.”

How are we to judge members of the Bundestag who so lightly give up their primary duty, namely, to be representatives of the people? The answer to this rhetorical question is obvious: What has happened is a monstrosity, but it throws light on political relationships in Germany, where many delegates either directly serve the interests of financial circles and institutions, or, if they occasionally champion the general welfare, would never carry it so far as might endanger their careers.

But the unthinking submissiveness of the majority of delegates vis-à-vis the EU bureaucracy also reflects the admission that the European nations lie under the influence of the financial structures of the British Empire. For these financial interests not only deter-

mine—still, in spite of the financial crisis—the neoliberal financial policy of the EU; it is also due to their control that the former Red-Green [Social Democratic-Green party] coalition in Germany carried out the deregulation of financial markets in 2004, which first enabled the unconstrained operation of the “financial locusts” and the casino economy. Thus the members of the Bundestag felt, consciously or unconsciously: “If we are under the yoke of an EU dictatorship in any event, then why should we still pretend that we have any powers at all? And certainly this goes for the absurd conception that we are representatives of the people and must defend their rights. In any case, that does not correspond to reality, so it also doesn’t make any difference whether we spoil the Basic Law.”

We really have to thank the Karlsruhe justices that this violation of the constitution has been rejected. With the Karlsruhe judgment, the Bundestag must now incorporate the findings of the Constitutional Court, which are set down in detail in the 150-page opinion, into a new outline of an accompanying law. It is admittedly ominous, that within about one hour of the pronouncement of the judgment, the government coalition partners had set a parliamentary debate for Aug. 26 and beyond that a vote as early as on Sept. 8, on the new accompanying law which, after all, must precisely reflect the 150-page detailed opinion, which, this time, would have to be read and understood by all delegates. This haste still betrays the original intention.



EIRNS/Karsten Werner

Organizers from the Civil Rights Solidarity Movement (BüSo) in Dresden, Germany on May 28, 2008. The banner reads, “No to the EU Dictatorship! We demand a referendum on the EU Treaty!” The BüSo has played a catalytic role in rallying opposition to this disastrous treaty. At the megaphone is BüSo candidate Marcus Kürth.

The Court’s ‘Competence’ Proviso

The Constitutional Court also really could have criticized the proceedings of the government, although it was not to be expected that it would have done this, given the enormous impact that would have had. The justices have admittedly created new facts in the case, because they have determined that the Treaty applies only in the construction specified by them. Thus it is emphasized, that Germany’s accession into a European federal state would require a declared abandonment of the sovereign national statehood guaranteed by the Basic Law, and the creation of a new constitution. But the EU would remain a league of sovereigns founded on international law, which would be permanently sustained by the legal treaty intention of sovereign states.

Furthermore, the Basic Law allows neither the Legislative body nor the Executive power to claim constitutional priority, and thus to encompass the fundamental properties of the Constitution. It is extremely interesting that the justices stress that any change in the Basic Law that affect the fundamental principles laid down in Article 1 and Article 20, is impermissible, since these are protected by a so-called perpetual guarantee. The Court thereby contradicts the “common terms” listed under Title 1 of the Lisbon Treaty, which in Arti-

cles 1-6 purport to be the EU guarantees of human dignity, freedom, democracy, etc. These values belong to the inalienable constitutional principles of the German Basic Law, which do not stand at the disposal of politics. Karlsruhe has likewise affirmed this for Article 20, which establishes the character of Germany as a social state, as well as the right of resistance whenever anyone seeks to change this character.

Also very important is the clarification by the Constitutional Court justices, that “the Basic Law does not grant the German state bodies powers to transfer sovereign powers in such a way that their exercise can independently establish other competences for the European Union. It prohibits the transfer of competence to decide on its own competence (*Kompetenz-Kompetenz*).” What the justices mean by this neologism is nothing else than what the EU Treaty calls the “simplified procedure for change,” by which the EU Commission wants to pile on capabilities for ever-greater jurisdictional competencies, without any further controls—a measure which German legal expert Prof. Karl A. Schachtschneider has called “the enabling law.”

It will also be interesting to see to what extent Karlsruhe was in earnest, in saying that the Constitutional Court holds the controlling jurisdiction. Because an

opinion of the Juridical Administration of the [EU] Commission of June 22, 2007 had said: “Under the jurisdiction of the [European] Court of Justice, the priority of European Commission law is one of the cornerstones of Community Law. The fact that the principle of this priority will not be included in the future Treaty does not in any way alter its existence, or the existing jurisdiction of the Court of Justice.” The stuff of conflict is definitely preprogrammed here, and it remains to be seen whether the justices perform their watchdog function in the coming storms as well.

A Dangerous Flaw

Even if the Constitutional Court has doubtless affirmed important principles of the Basic Law, the primary weakness lies in a different aspect. For example, the justices spoke about the trade policies of the EU, and the dislocation effected by the Treaty in jurisdictional competence in the matter of conclusion of international commercial agreements—and, connected with that, the breaking of legislative cooperation between the Bundestag and Bundesrat—when the world economic and financial system has been for nearly two years now in an ever more dramatic, climactic breakdown crisis. Since the outbreak of this crisis, Brussels has had little to say. Completely lacking, is a reflection that not only the neo-liberal economic and financial policy of the European Union, but the neo-liberal paradigm itself, have broken down. The Maastricht criteria, for example, are long since out the window, and they are not somehow going to return, because this system is unsalvageably bankrupt.

What the justices have said about democratic principles sounds very good. Perhaps they really don't know that democracy in Germany is far less optimally ordered than one could guess from their statements. For, many people do not feel themselves to be represented by any authority; rather, they experience daily that there is no one to whom they can turn. The irresponsible behavior of the members of the Bundestag who voted for the above-mentioned accompanying law, makes clear only one aspect of this state of affairs. The fact that the media didn't report on it, prior to its enactment, is another. If the voters learn anything from this affair, then they will not re-elect a single one of those delegates who so frivolously abandoned their sovereign powers to Brussels. The candidates of the BüSo will let no such thing happen.

Interview: Dietrich Murswiek

High Court Insists on National Sovereignty

Professor Murswiek is a professor of constitutional and administrative law, as well as German and international environmental law, at the University of Freiburg, Germany. He represented parliamentarian Dr. Peter Gauweiler in his case against the Lisbon Treaty, which the Federal Constitutional Court, in Karlsruhe, decided on June 30 (see accompanying article). EIR's



Klaus Mellenthin

Claudio Celani and Rainer Apel interviewed him on July 1, on the details and significance of the high court ruling. The interview was translated from German.

Celani: The ruling by the Karlsruhe court was immediately received in many media, but also by the government in Berlin and by the EU Commission in Brussels, as a triumph for the Lisbon Treaty. Do you also see it that way?

Murswiek: No, this assessment is totally false, for two reasons. The Treaty could only be approved by the Constitutional Court under specified conditions. First, the German accompanying law has been declared contrary to the Basic Law,¹ and the Constitutional Court

1. The *Grundgesetz*, or Basic Law, is Germany's constitution. When it was drafted and approved in 1949, the word *Verfassung* (constitution) was not used, since it was in effect only for West Germany (Soviet-occupied East Germany would soon have its own constitution); was subject to approval by the Western occupying powers; and was regarded as provisional, subject to change and ratification in a future reunified Germany. After reunification in 1990, the Basic Law remained in force, with slight changes. Major modifications were made in 1994, 2002, and 2006. The “accompanying law” to which Murswiek refers is the German law that would have adapted the nation's legal system to the Treaty—ed.

has made it a requirement for the German legislature to reconstruct this law from top to bottom. The decision by the Constitutional Court indicates many points which the legislature must work into the accompanying law. It's for that reason that the further development of the European Treaty in the "simplified procedure of change," and on the basis of the so-called bridge clauses, should not be undertaken without the express, lawful agreement of the Bundestag [the lower house of parliament]. Thus, a strengthening of the democratic rights of the national parliament. That is the first point.

The other thing is, that the Constitutional Court has in no way approved the Lisbon Treaty as it exists on paper, but has said: The Treaty is only compatible with the Basic Law *under the interpretation which has been given by the Constitutional Court in its ruling*. That means: The Constitutional Court said in a multitude of points, that precise prescriptions of the Treaty must be very narrowly interpreted; that is, the competencies which the Treaty gives to the European institutions, especially to the European Parliament, should not be interpreted broadly, but only in a very narrow sense. That is binding with respect to the application of the Treaty in Germany, according to the opinion of the Constitutional Court. And thus the Treaty takes on a very precise meaning, and provides the sovereignty of the member states with greater protection, than it would have had without the decision of the Constitutional Court.

Celani: If I have read the Lisbon Treaty correctly, its powers are very broadly laid out; is this now a limitation of the Treaty?

Murswiek: It is a limitation of the Treaty. Basically, the Constitutional Court gives the Treaty, in part, a different content. The concepts that a Treaty applies are subject to interpretation; there are often imprecise ideas which can be interpreted in one way or another. And if there are various possible interpretations, then the Constitutional Court has said: Only one interpretation, namely that which gives the least authority to the European institutions, and leaves more authority on the national level—only this narrow interpretation is the right one, and only this can be accepted by Germany.

The Next Moves

Celani: Practically speaking, what has to happen now?

Murswiek: First of all, the Bundestag must enact a new law, which sets the parliamentary provisions prescribed by the Constitutional Court. That's one thing. The other is the fact that the Constitutional Court stresses, that it itself has to be the controlling competence, in order to ensure that the European institutions do not overstep the authority that the Treaty delegates to them.

That means the Treaty as such can go into effect; it has not been changed; but if one day the European institutions construe and apply it differently than the Constitutional Court has now formulated its powers, then there will be a conflict. The situation could arise in which the Constitutional Court says that a specific law which the European institutions have decided on, exceeds its authority, and therefore is not applicable in Germany. The European Court of Justice could have a different opinion, and then we would have a conflict situation. It remains to be seen whether the Constitutional Court would assert itself; whether it is ready to engage in such a conflict with the European Court of Justice.

Celani: The Bundestag must now adopt a new accompanying law; that means the Bundestag can, if it wants to, win back German sovereignty?

Murswiek: The Bundestag cannot change the Treaty. The court decision only applies to the accompanying law, to require parliamentary approval for specific decisions which, according to the Treaty, can be made *without* parliamentary participation.

Celani: Such as the clauses in the Treaty which are being characterized as an "Enabling Act"?²

Murswiek: Precisely, the so-called flexibility clause, according to which the European Union, by a decision of the European Council, retains for itself the competence to make laws on matters for which it actually has *no* legal competence. This flexibility clause has been drastically expanded by the Lisbon Treaty. The previously existing clause was only applied to matters concerning the Common Market, and this limitation was abolished by the Lisbon Treaty. It is now applicable in all areas, with the exception of foreign policy, and there was the danger that a so-called "competence on competencies" would emerge for the European Union,

2. A reference to the March 1933 *Ermächtigungsgesetz* which made Hitler the *Führer* (dictator) of Germany—ed.

The ruling of the Constitutional Court says that the German Federal Republic must remain a sovereign state. And if the European Union should itself develop into a federal state in which the member states are no longer sovereign, then Germany could not participate in it.

i.e., the competence to assert new competencies for itself.

And the Constitutional Court put the kibosh on this, when it said: The Council cannot make a decision on the basis of the flexibility clause, if the national parliament (the Bundestag and the Bundesrat) does not ratify it in the form of a law. Therefore, at least one procedural hurdle has been erected, which looks precisely like a hurdle which demands a change of the Treaty, according to the procedures for changing treaties under international law.

Celani: It's been said that the judges have not declared the EU Treaty incompatible with the Constitution, but only the accompanying law. Do you have a comment on why this ruling does *not* declare the EU Treaty unconstitutional?

Murawiek: The Treaty, as the Constitutional Court has interpreted it, in this restrictive sense, is no longer as worrisome as it would have been without this restrictive interpretation. In this narrow interpretation it could be completely acceptable; at least that is the judgment of my client, Dr. Gauweiler.

Sure, it is a problem that the Constitutional Court has failed to require the Federal government to insist upon a caveat, under international law, which would say that for Germany, the Treaty is only in force according to this restrictive interpretation by the Constitutional Court. This could result in problems in implementation.

Celani: Is that what you originally wanted?

Murawiek: Yes. We were working toward such caveats being established, and that unfortunately did not happen.

The Broader European Picture

Celani: What about the accompanying laws in other countries? Do you know about them?

Murawiek: Not exactly. There are certainly similar rules in other countries, but I don't know exactly how they are set up.

Apel: Professor, do you have any insight into how the situation is developing in Prague? I have naturally heard the news dispatches from the Czech Republic, saying that a "closure proceeding" is before the Supreme Court, and that numerous restrictive points have been brought before the court by Czech senators. Therefore, it could perhaps turn out that they would follow the example of our Federal Constitutional Court, and enact a string of restrictions which in reality amend the Treaty and make it acceptable for the Czechs.

Murawiek: It is quite conceivable that the Czech Constitutional Court could orient toward the example of the Federal Constitutional Court. But that is only speculation: I don't have any inside information.

The Issue Is Sovereignty

Celani: Professor, which clause of the EU Treaty, as it stands now, will reduce or override the rights of the Bundestag?

Murawiek: I don't want to mention any concrete provisions, since there are a good number of them which amount to a simplified process for changing the constitution; or the aforementioned flexibility clause, and here the Constitutional Court's decision has created a corrective.

Celani: There is a new argument in the ruling, I believe, which is that the judges infer from the preamble of the Basic Law, that the Basic Law is Europe-friendly.³ But, if the Basic Law is Europe-friendly, that does not

3. I.e., positive toward the idea of German participation in some kind of alliance of European nations. In May 1949, when the Basic Law was approved, the ideas now enshrined in the Lisbon Treaty were, of course, not on the agenda—ed.

mean that an alliance of sovereign states is Europe-unfriendly.

Murawiek: No, no. On the contrary, the Constitutional Court emphasized, on the one side, the Europe-friendliness of the Basic Law, but on the other side—and this is new, it has never been said before in this way—it says that the Basic Law also contains the principle of sovereign statehood, and that means, that along with European integration, the German Federal Republic must remain a sovereign state. And if the European Union should itself develop into a federal state in which the member states are no longer sovereign, then Germany could not participate in it.

Celani: Those are significant words.

Murawiek: That has been articulated totally explicitly. Thus the Basic Law would have to be changed beforehand, through a constitutionally valid decision of the people. Since the Basic Law does not allow such a thing [as the elimination of national sovereignty], it would have to be submitted to a popular referendum.

Celani: What the Constitutional judges have articulated sounds very clear.

What do you see as the reason for the fact that the federal parliamentarians have not been aware of the contradiction between the accompanying law that they passed, and the Basic Law?

Murawiek: I assume that the federal parliamentarians didn't give it much thought; they simply agreed, without great reflection, to what the federal government laid before them.

Celani: So they have frivolously—

Murawiek: It was very frivolous, and I believe that it is a total disgrace for the majority of the Bundestag, that the Constitutional Court has now pointed out to them that the parliamentarians have unconstitutionally given up their own rights.

Apel: Professor, if the Bundestag now corrects the accompanying law—I myself am very skeptical, in view of what has already occurred, that anything would come out of this, after the court ruling, that would be positive; but setting that aside: Who will verify that what the parliamentarians produce in August or September, is in accord with the court ruling?

Murawiek: Mr. Gauweiler and I will verify it with

great precision, and if the accompanying law does not accord with the requirements, on each particular detail which the Constitutional Court has laid out, then we will sue again.

Celani: Very good. We are keeping our fingers crossed.

Murawiek: Thank you very much.

Celani: When then, in your opinion, will the President, if all goes well—

Murawiek: The Bundestag must first ratify that the amended accompanying law has been passed.

Celani: Is that expected to be before or after the federal elections?

Murawiek: That I can still not judge. I have read in the press that the Bundestag and the government would like it to be taken care of in September.

Celani: Maybe the new Bundestag will do it.

Murawiek: Yes. Actually that would be more sensible, because you need time to analyze the ruling with precision, and to draft a totally precise law. If you act too hastily, there is a greater danger that there will be more mistakes.

Celani: Would you like to add anything, Professor?

Murawiek: Yes, one more consideration is probably important to mention. The Constitutional Court has emphatically established that the legitimacy of the EU in the current system is not in accord with the requirements of the democratic principle. Several European parliamentarians said something different on television yesterday, but they were wrong. It is stated in the ruling: The EU has not been adequately authorized democratically. The Constitutional Court has therefore only judged that the Treaty is compatible with the Basic Law, despite its structural deficit with respect to democracy, but that since the [European] Parliament does not possess the competences of the national Parliaments, it is not required to be fully legitimized democratically.

Celani: That is very important, and we will make sure that this statement is widely circulated in other countries. Thank you.

Prominent Environmentalist: We Need Nuclear Power!

James Lovelock, the well-known environmentalist and inventor, spoke with Gregory Murphy, associate editor of 21st Century Science and Technology magazine, on May 14, 2009.

Lovelock, who has invented scientific devices to measure atmospheric gases, is the father of the Gaia Hypothesis, which views all life on the Earth as part of a self-regulating organism.

He made headlines in 2006, with an article in the London Independent, in which he wrote that the best way to handle “global warming,” is to build nuclear power plants; that nuclear power is the best power source we have at the present time. Lovelock, now 90 years old, has, in fact, been pro-nuclear power all along, and has written introductions to several scholarly books about nuclear power, but the Independent article was the first time he wrote a pro-nuclear piece aimed at the general population.

The Independent article, despite its false premise of posing nuclear power as a solution to so-called global warming, has served as a catalyst for other environmentalists to embrace reality and join the campaign for nuclear power.

A review of Lovelock’s latest book, The End of Gaia, appears in the Spring 2009 issue of 21st Century magazine.

Murphy: In your book, you spend quite a bit of time dispelling the myths and deliberate lies that have been spread about nuclear power to inhibit its use. And you’ve noted that it’s the best power source we have.

Lovelock: It needs a good investigative journalist to look into that, because it’s quite a system, with the myths about waste, all sorts of things. And yet, its safety record is absolutely superb. No airline could match it.

Murphy: You mention in your book a good example of the safety record. You say that in the 50-odd years that we’ve operated nuclear power plants, fewer than 100 people have died. Yet, there are hundreds of thousands of deaths associated with the fossil fuel industry—coal, oil, etc. And there have been hundreds of thousands of deaths, associated with renewable energy and the consequences of using it. Can you explore that a bit?

Lovelock: In the case of renewable energy, people forget that hydropower, water power, are renewable energies, and water power means that dams are used, and dams can burst, and when they do, they kill a hell of a lot of people.

Murphy: And wind energy is intermittent, so if you use wind or solar, to replace baseload power, you’ll have a situation of energy starvation, which will also have the consequence of population deaths.

Lovelock: I think solar could be all right in desert regions where there’s sunlight all day long, and you can rely on it most of the year. And they’ve worked out



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James Lovelock, father of the Gaia Hypothesis, caused a stir by promoting nuclear power, as the best way to deal with so-called “global warming.”

ways of storing the energy at night, through the use of steam accumulators. It’s an old-fashioned invention, that existed right back to the 19th Century. The Tube [subway] system in London worked on these accumulators. They had ordinary steam engines pulling the trains along the tunnels, but they didn’t have any fire in the tunnels; they would pump up the steam.

What About the ‘Waste’?

Murphy: In the interview you gave last year to the American Nuclear Society, you made a very interesting comment about the nuclear waste question. You said it bothered you that people were crying about this, and you would welcome it in your backyard—to heat your pool.

Lovelock: I would say, let me have it! I’d be very glad to take the full output of high-level waste from the single nuclear power station where I live. It’s about as much stuff as you would fit in a car, and if you put it in a concrete well in the back yard, I’d use the spare heat from it to have free heating for the rest of my natural life. What’s wrong with doing that?

Murphy: I thought that was such a great comment, because, when you’re talking to people, and you start discussing nuclear waste, and how it can be recycled,

they tend to blank out. But if you take an ironic, humorous approach that cuts through on this, it gets home to people that there’s really not much of a problem with this.

Lovelock: It’s a benefit. Who would throw away the chance of free heating for life?

Murphy: Not many nowadays, with the energy crisis!

You know, my background is with [Adm. Hyman] Rickover’s Nuclear Navy. I served for about three years on a nuclear submarine.

Lovelock: So you know then that the damn thing is safe enough...

Murphy: I know, and I always challenge the greens I talk to who are anti-nuclear. I ask them how close to a nuclear power plant they live, and most of them tell me, “two states away.” Then I tell them I lived within 300 feet of one for three years, and I didn’t have any frog babies.

Lovelock: You’ve been in nuclear submarines, so tell me—I don’t know if this is true or not—but I’ve heard that they’ve got less radiation than anywhere on Earth, when they’re several hundred meters below, because no cosmic rays get through, there’s no radiation from the Earth, and there’s only the small leak from the reactor, which is so small that it’s negligible. So, you’ve actually got a lower level of radiation if you work in a nuclear submarine than you have anywhere else on Earth!

Murphy: I’ve never heard that, but it makes sense, because a lot of the radiation you get—I’ve done radiation studies at nuclear power sites—is background radiation. And you talk about this background radiation in your book: You bring up Chernobyl, which, any time you mention nuclear power to someone on the street, the first thing that pops up is Chernobyl and Three Mile Island... And I know from a recent study that Polish scientist Zbigniew Jaworowski told us about, that there’s more radiation in downtown Warsaw than around Chernobyl now.

Lovelock: I’m not surprised. Where I live, down in

the west of England, which has a lot of granite, the radiation level here is way over 1 microcurie per hour, but the people here live just as long as they do anywhere else.

Murphy: There's always the benefit of low-level radiation too....

The other thing that I found very interesting in your book is how you classified the current environmentalists, the greens, as basically religious cultists. It's not new—you've said this before.

Lovelock: Well, from what you've said, I think you would agree with that.

DDT Banned: Millions Died

Murphy: Oh, I definitely agree with that.

The other thing I was struck by, and I've read other books of yours—the *Revenge of Gaia*, *The Age of Gaia*, and others, and I don't remember your attacking the ban on DDT as a bad move, based on failed science, as you do in this new book. Can you explain that a bit?

Lovelock: Well, you know that the guy who invented DDT got the Nobel Prize for it, and it was given to him because it was a chemical that had saved more lives than any other chemical that had ever been invented. And it saved lives by stopping malaria all throughout Africa and Southeast Asia, and places like that. And used that way, in quite small quantities to kill off mosquitoes, it was an absolute benefit.

Then when the idiots went and banned it without thinking—it didn't really do much good, banning it, but it meant that all those people down in Africa and what-not, no longer got the benefit of mosquito killing, and they've been dying off. I think it's 2 millions a year who die of malaria, and about 200 million made miserable with it. And it's all unnecessary. It's one of the biggest mistakes the greens ever made.

And it all started because a group of women in New York got the idea that they got breast cancer from traces of DDT in the food they ate. And they stormed their Senator and got the whole thing stirred up.

Murphy: It's interesting that the Environmental Protection Agency's own science hearings, in 1972, found no correlation of DDT to cancer, or any other ill effects, yet EPA administrator William Ruckelshaus went ahead and banned it.

Lovelock: That's right, and it was crazy. This is

what the greens do. They do crazy things—because they are not scientists.

Murphy: Yes. As far as I can tell from talking to them, and talking to people who've been associated with them, the greens have a distrust of science, and try to be ignorant of science, which doesn't help anybody, in the long run, or the short run. Most people are interested in new scientific discoveries—they look at the Hubble Telescope photos and things like that. But they have the popular idea that they have to be ignorant of science.

Lovelock: It's crazy and illogical when you think of it, because they're using a sort of bum science to attack a scientific idea.

The Trouble with Computer Models

Murphy: And it goes hand-in-hand with the idea that most of the science nowadays is computer models. I can't go to a science conference without being pelted with a model of this and a model of that. It's like going to a fashion show....

Lovelock: That's music to my ears, your saying that. That's the trouble with all of science nowadays. They'd rather make models and have pretend worlds, than go out there and have to measure something in the real world.

Murphy: You're right that this is an attack on the foundation of science. This whole idea of getting away from observations and evidence.

Lovelock: You're so right. It's the real crux of it. And we'll have to learn fast if we're going to get out of this mess that we're in. The IPCC [Intergovernmental Panel on Climate Change] is badly wrong; that's the biggest model in the world.

Murphy: Their models are total failures.

The problem I have with the IPCC models is a little different from yours. Mine, is that their models are supposedly showing the temperature and the climate, and we already know certain things that you can't model correctly, because our understanding, and the way of doing it is not at a sufficient level. That I can see and discount. But when they start having these scenarios, where you deny the idea of human creativity and discovery, and assume that you're going to have the same energy source for the next hundred years, then, it's a little hard to believe.

So, the problem I have with it, is all these scenarios of the worst case, which assume that the world will be in a steady state, that there will not be any more discoveries made. That is a major problem.

Lovelock: That's what I call "business as usual." Most people can't bear the thought of changing anything. They just want to go on, and they hope it will go on—but it won't.

Murphy: You've been promoting the idea of global heating, as opposed to global warming, which I disagree with. But, let's say, that you're right. Right now, the Congress of the United States is promoting a cap-and-trade bill; if you look at the top proposed cuts: If we slash carbon emissions by 82%, below 2005 levels, then, we're only going to reduce the temperature rise, that supposedly is going to come in 2050, by three-one-thousandths of a degree Celsius. That is scientifically meaningless.

Lovelock: I agree with you entirely, and I don't think anyone can predict what's going to happen in 2050.

Murphy: I think that's quite a reach.

When asked if there's a possibility that something could be done to counteract your global heating, you've always attacked the cap-and-trade scheme as nothing more than a "gigantic scam."

Lovelock: It won't do anything; that's the main thing about it. It doesn't produce a big enough effect, it doesn't noticeably reduce the emissions.

Murphy: But if you look at the other side of it—you're not noticeably reducing emissions, but you're capping emissions, which means cutting back on the amount of power people have access to. So, if you're not ramping up other power sources quickly enough, you're back into the same situation I brought up before. If you're using renewables for baseload power, you're back into energy starvation. That's the side that nobody wants to talk about.

Lovelock: Well, in the States it's mainly tax breaks, isn't it? Every year, the government subsidizes these renewables. The government pours money into things like wind turbines and whatnot to make them viable. Otherwise they'd never sell.

Murphy: Yes, wind has a production tax credit. In

the first ten years, they get a production tax credit of 1.28¢ per kilowatt, so when that was not going to be renewed by Congress, all the wind energy groups were putting out press statements saying, if we don't get this, we'll blow away tomorrow!

Lovelock: What a pity that they didn't!

Murphy: So, the irony wasn't lost on them either.

The problem I see with this is that the solutions being put forward have, one, no basis in reality to do anything, and two, the effect that they'll have on the physical economy, with people, health, and other things, will just multiply, and you'll have a negative, you could say, even genocidal effect, if you adopted these kinds of policies on a grand scale, as they are trying to do with the Copenhagen Agreement.

Lovelock: I agree with you wholeheartedly. Sadly, I think an awful lot of people are going to die off anyway. Or rather, they're going to die sooner than they would have done otherwise.

6 Billion People Could Die

Murphy: With the global heating possibility that you've talked about (and written quite a bit about in *The Revenge of Gaia* and now, in *The Vanishing Face of Gaia*,) you say that close to 6 billion people could die.

Lovelock: Yes, I'm afraid so. I can't see any way out of it, because, you see, the IPCC underestimates, because nobody knows what's going to happen in 2050. But just for the moment, let's take it that what they say is more or less true. By 2050, practically all of the main food-producing areas of the world, right across America, right across Europe, China, all the rest, will be deserts. That's what the IPCC is saying. Well, where the hell are you going to get the food from?

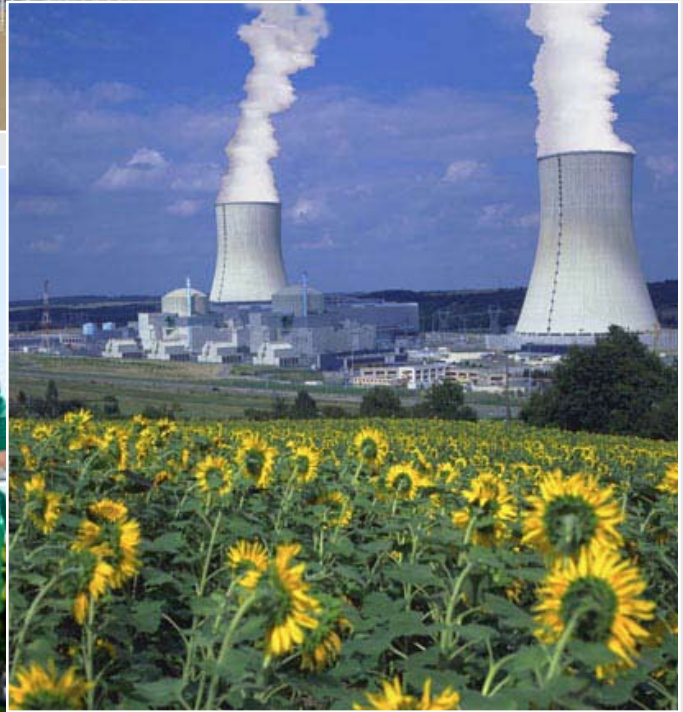
Murphy: That's an interesting question, because you are exacerbating problems that have already put into motion by decisions by the World Trade Organization, for countries not to be self-sufficient in food. We saw this played out with the food cost rise, because people speculated on food, and also this foolish attempt with biofuels—

Lovelock: That really is mad.

Murphy: To take food out of people's mouths and turn it into stuff to burn in your car is insane and genocidal.



PRnewsFoto/ACCIONA



Areva



PRNewsFoto/Alliance of Automobile Manufacturers/Randy Santos



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Solar and windmill energy provide only a tiny fraction of the power, measured by energy-flux-density, that nuclear does, and will condemn billions of people to die. As Lovelock suggests, the jobs created in “green energy” are nothing but a way to create another financial bubble.

Clockwise: ACCIONA’s Nevada Solar One concentrating solar power plant; the Civaux nuclear power plant in France (note happy sunflowers in adjoining field); a windmill farm; “Green People” converge on the nation’s capital to promote “alternative fuel autos.”

Lovelock: Have you ever worked it out? It's a very simple problem: The amount of fuel that the driver of a car uses in the way of food, is about one-tenth of the amount of fuel he uses as gasoline to drive his car. So, if the world can hardly provide the food for everyone, how the hell is it going to provide 10 times as much for their cars as well?

Murphy: I didn't know that. It's very interesting. I never thought about it.

Lovelock: It's the real objection to biofuels. It's just illogical. It's silly. But it's politically good and the farmers like it.

Murphy: Well, the farmers have been hard pressed in the recent period with the economic downturn...

Lovelock: Oh, they have a hard job. I live in a farming region, and most of my friends are farmers, so I know just what you are saying.

Murphy: They are latching onto *anything*. The farmers in the U.S., even before the biofuel debacle in the last year or so, had the wind energy guys going out and telling them, "Don't grow food, rig your farm into a windfarm and you can sell the energy to the grid"—which will not happen. Because, as you know, it's intermittent power, and the cost of putting the wind energy onto the grid is at peak rate, so you get less money back for it, because it costs more to put it on.

Lovelock: It's not worked out yet—the interconnecting system to join up all the windfarms to the grid. They don't have the grid structure to do it. And that will cost a pretty penny before that's done.

Even in a small country like ours, they've gone further ahead with wind in most places. In Europe it's a gigantic scam, and they're doing it big. But now they're finding that they can't afford to lay on the transmission lines to take it from where it's produced to join up with the main grid, because you have to have so many of them.

Murphy: And then there's the storage question...

Lovelock: There isn't any storage you can get...

Green Jobs: The Next Financial Bubble

Murphy: You have pump storage in areas that have hydroelectric available, but that's limited, so it's nonsensical.

To me, the drive for green jobs is nothing more than

make work, and a way to create another financial bubble to replace the one that's already gone, with the subprime mortgages, and all the other games they've played in the last few years.

Lovelock: You've really hit the nail on the head there. Because where money making money is concerned, it doesn't matter really what you aim at. You could give tax breaks to casinos. You could do anything. You could set up a great big money-making enterprise, and it would run for a few years until it crashed, and with the green money, it's just the same. That's what will happen with it.

Murphy: The problem is that the people who see that, look at \$100 million in steel production as the same as \$100 million in casino money. And yet, with steel production, you have the ability to build things that have more added value and real wealth, as opposed to just having money.

Lovelock: You're absolutely right.

Murphy: So, that's the point I try to make with people, and that's the problem I have with what the nuclear industry in the United States has done: It's sold its soul to basically what you commented on in the *Independent*: Nuclear energy is great as a way to fight global warming, not that it's not a great source of process heat, which can be used to produce all kinds of metals and different things, and to produce hydrogen, which can move us away from this fossil fuel economy.

So, instead of promoting that, they're promoting global warming as a way to get people excited about nuclear power, which I think is a failure; it's single-issueism and worse. It's just lying. You're not really putting forward why you should be excited about doing nuclear power.

Lovelock: I know. There's no interest in it among the big companies. The problem with nuclear is that it's a bit of a cottage industry, when you think of it.

The amount of uranium you need to equal the amount of oil you burn is about 1/100,000th less. And there isn't a lot of big money in that. It's a tiny amount of product to move around. So big business is never very interested in nuclear. And the thought that nuclear might displace any of the coal or oil doesn't please them one bit at all.

Murphy: No, they're resistant, that's about the best you can say.

Lovelock: And the nuclear industry's got no money for propaganda. They can't put up full-page advertisements. So all they get is the facts, like everybody else.

Murphy: I went to a conference on high-temperature reactors, the fourth-generation nuclear reactors—the pebble bed, prismatic block, and process heat. And the way they sold that conference was not the climate change issue. It was mentioned, and it was there, but it was on the basis of all the things you can do with process heat: These plants are so small that you can put them at petrochemical plants, to make plastics and other things. And they're small enough that you can deploy them to areas in Africa, to be developed. This is what was being promoted. And the difference was that people were excited and confident that something could happen on that front.

As opposed to the American Nuclear Society: Their meeting two years ago had climate change guys there selling them on this, that cap and trade would produce X-amount of money that could be put into nuclear power plants; that whole scam was being promoted. And it was like walking into a morgue. Nobody was excited about saying one thing about doing something in an industry that they had spent their lives in.

Lovelock: I can understand what you're saying. I've got to give a talk in Toronto in ten days time on this topic, mainly to energy companies, and it's difficult to know which is the best way of developing the climate change story or nuclear. There's no doubt from my experience that there's interest in the climate change story if you tell it for true—as long as you don't tell it for some special interest or some group or other.

Murphy: The idea is that the economy is hurting everybody, straight across the board, from the big companies all the way down. And it's going to get a lot worse. And they're grabbing onto all kinds of things. But the idea that they have not gotten to people, is that a person has the ability to make discoveries and change society for the better. And that is the best thing about this whole discussion about nuclear power: The ability to adapt to certain aspects of climate change is missing, because the idea of creativity has been taken out of it. People have gotten away from that, and that's sad.

You referred to it as human intelligence being on the increase all the time, and I refer to it as creativity. There are similarities...

Lovelock: I think we're talking about the same thing, actually, because what makes humans especially different is their creativity. Other aspects of intelligence are less important.

Gaia vs. the Noösphere

Murphy: Another question I have for you is, that the greens have always tried to latch onto your Gaia theory, that the Earth is a single organism, that the species all act in a self-regulating way. And they try to say that that's the exact same thing that Vladimir Vernadsky was promoting with the Biosphere.

Lovelock: Well, it isn't.

Murphy: I know it's not, but this is how they try to do it. If you bring up Vernadsky, the idea that the Biosphere is acted upon by what he calls the Noösphere, the greens say "Oh yeah, yeah, we're with you; it's the same thing as the Gaia concept." But it's not. So, I've always wanted to ask you about this. What is the difference between Vernadsky's idea and your Gaia idea?

Lovelock: The main difference is that a chemical engineer can understand the Gaia theory, because it's all about fixed feedback on systems. There's nothing in Vernadsky about systems; it's mainly Romantic ideas and not much science.

Murphy: I was thinking about that. I've read through the Biosphere and different things Vernadsky's written, and the idea that he had of the Noösphere—and since I'm focussed on the idea that people can make discoveries and change things for the better—that really appealed to me. The Gaia theory seems a little flat on that question. It's an interesting idea, but it didn't have the aspect of human intelligence or creativity involved in it, which is the problem I have with it.

Lovelock: It *does* have it in it, because we are a part of it. That's the way of looking at it. That was not the way Vernadsky was looking at it. But we found Vernadsky. He was writing quite a while ago, and an awful lot has happened since then, and basically the duration has taught us so much about the other planets, that it became much easier to develop Gaia theory. It was developed at JPL [Jet Propulsion Laboratory] anyway.

Murphy: Speaking of space exploration, I hear that you're going to go on Richard Branson's Space 1.

Lovelock: If they can get certification for it, yes, I am.

Murphy: Well, you have all these people complaining about cutting emissions, etc. Isn't this really a slap in the face to all that?

Lovelock: I hope so. Well, I think if they had the chance, they would do it too; no matter if they had to plant 17,000 trees to pay for it, they would do it anyway.

Well, if they drive across the states to see their granddad or something, they probably use up more fuel than they would taking me up there.

Murphy: I think that's good. What I like about how you present things is that you use a sense of humor, to get people to understand the point you're trying to get across.

Lovelock: Why thank you. You can't really talk to people unless you're prepared to laugh a bit.

Murphy: Yes, and that's why I thought your comment about the nuclear waste in your backyard was perfect, because it's an ironical statement, that says there's no problem here; there's nothing to see. This exists, but it can be reprocessed and we can reuse all this. This crazy notion of proliferation is holding us back.

Lovelock: You'd have a hell of a job to make a bomb out of nuclear waste, wouldn't you?

Murphy: Most of the nuclear waste that's around is not out of power plants; it's medical, and it's liquid. There's always a question of the "dirty bomb."

Lovelock: There isn't any such thing, really.

Murphy: I know, but the BBC put on a show about how they got all this material together to make a dirty bomb. Well, if you know anything about that, you know that the explosive is the biggest part of it. What happens with the fallout, the contamination, is easily handled.

Lovelock: It would be negligible. If somebody set off a dirty bomb near me, I would be much more scared of being hit by a bit of metal that came off it than by the radioactivity.

It's Easy To Scare People

Murphy: I would be too, but that's the difference: We come from a more scientific background, where we

have thought through this, or worked in these plants or areas, and know that the hype and scare stories that "radiation's gonna get you" are manipulative myths that keep you from having development.

Lovelock: It's easy to scare people. Have you ever thought how if you really wanted to scare people, you could scare them about flying? After all, an airplane isn't all that safe a thing. A damn sight less safe than a nuclear reactor. They do fall out of the sky every so often. And if you could make up the same sort of scare about flying as there is about nuclear, the airlines would all go bust.

Murphy: Well, they're pretty much all bust anyway. That's the economy again, the physical economy. We got away from that in the U.S.—from having trains, mass transportation, subways—into putting people in cars or planes to go across the country. And now you are basically at a point where if the airline industry and the highway system all goes bust, the United States would fail to function, coast-to-coast, as an economy. That's why the opportunity within the financial crash is to build nuclear power plants. We're saying we want to go to a hydrogen economy, we need maglev trains. In order to do that, you're going to have to build nuclear power plants.

Lovelock: Well, the French are wonderfully competent at that. I've travelled on their trains. They go at 200 miles per hour, and virtually all of the electricity that drives it is nuclear. You don't need hydrogen as an intermediary. You just make the electricity and they've even built a new track from Paris to Munich that's nearly 300 miles an hour. Well, there's no damn point in going by air. And you can go from city center to city center without going through security; you just go straight on the train, and that's it.

Murphy: I was trying to get at that same idea. But right now in the U.S. it seems that they're promoting high-speed rail and maglev as mainly a people mover, not for moving freight, and basically for moving people from airports to casino areas. The first one that will probably be built as a maglev line will be from Anaheim Airport in Orange County, California, to Las Vegas. Maybe because the economy is having such a bad effect on the casinos right now, that may not even be so sure.

Lovelock: It's a way of spending time, anyway.

Big Bro. Meets Green Fascism: Paying by the Mile To Drive

by John Hoefle

July 10—While attempting to divert our attention with soap operas about the “recovery” of the dead financial system and other nonsense, the financier oligarchy of the Anglo-Dutch Liberal empire is moving to put a replacement for that failed system in place. One of the elements of this new system is an emerging corporatist feudalism, centered around making speculative profits from ordinary, everyday activities. We see this most clearly in the oil markets, where speculation by financial parasites—not supply and demand—determines the price people must pay for their gasoline. We see it, too, in the electricity markets, where deregulation has allowed the parasites to worm their way between the producers and consumers.

As the effects of the death of the old financial system manifest themselves, a push is on by the empire to privatize America’s infrastructure, to turn it into a “profit center” through which to loot the population. Schemes are afoot to privatize roads, bridges, and public water and sewer systems, so that the financier oligarchy can steal a larger chunk of every dollar Americans spend on the necessities of life.

The goal is not merely to make money, but to impose control over pricing and supply, in such a way that shortages occur and prices soar, as a way of making money while downsizing both the economy and the level of population. It is basically a return to the lords

and peasants model of the feudal era, but mediated through a modern corporate—and corporatist—cartel structure.

Pay More, Get Less

A prime example of this fascist intent can be seen in a report issued earlier this year which calls for replacing the gasoline tax, with a tax on miles driven—effectively turning all roads into toll roads—while at the same time implementing a system to track everyone’s travel. Call it Big Brother meets Green Fascism.

The report, entitled “Paying Our Way, A New Framework for Transportation Finance,” was issued in February by the National Surface Transportation Infrastructure Financing Commission (NSTIFC, or Finance Commission). The Commission was created by the “Safe, Accountable, Flexible, Efficient Transportation Equity Act; a Legacy for Users,” or “SAFETEA-LU,” transportation act of 2005, to study the issue and produce this report.

The Commission report starts with the false assertions that “our system is underpriced,” and that “users and direct beneficiaries” should “bear the full costs of using the transportation system.” Under the current system of fuel taxes, the report claims, “users do not bear anywhere near the full costs of their travel; and fuel taxes have no direct link to specific parts of the



Creative Commons

A proposal to replace the tax on gas, with one on miles driven, would, effectively, turn all roads into toll roads, and use the same system to track everyone's travel, i.e., combining speculative profits with Big Brother control. Shown: a toll road on the New Jersey Turnpike.

system being used or to the times of day, and thus cannot be used to affect these kinds of traveler choices.”

The language makes it clear that the goal is not merely to increase revenue, but also to use pricing to change the behavior of the travelers. As in, if you insist upon driving during rush hour on congested roads, expect to pay more. This is the same sort of thinking that is reflected in the schemes to charge homeowners higher prices for electricity, if they run their air conditioners on hot Summer days: namely, social engineering aimed at enforcing austerity. Rather than improve the infrastructure, the plan is to price people out of the market while letting the existing infrastructure decay.

The Commission recommends, as a replacement for the current fuel tax, “a charge for each mile driven (commonly referred to as a vehicle-miles-traveled or VMT fee system) . . . as the consensus choice for the future.” This VMT system should, it added, provide “a foundation for state and local governments that choose to use it to develop their own mileage-based systems that piggyback on the Federal system in order to raise their share of needed revenues in ways that spur more efficient use of the system.”

Furthermore, the commission states that the technology used to track vehicles for the Federal program should be designed “in anticipation of the potential for state, local, and private toll roads to piggyback on the national system,” and recommends “actions to facili-

Dana Levenson on Privatization

Levenson, the Royal Bank of Scotland banker and former Chicago's chief financial officer, is an unabashed cheerleader for turning over public infrastructure to private interests. In a 2007 interview with *Governing* magazine, said he believed that states and cities have an obligation to consider selling their assets.

“Absolutely,” he said. “With as much money as is amassing in these funds, I can't imagine anything less intelligent than dismissing it out of hand. . . . It comes down to a matter of how willing should states and municipalities be to unlocking the value that happens to exist in their portfolios—even though they may not have looked at their entities as portfolios in the past.”

“We're shifting the financial risk to a private operator, while at the same time never losing use of the asset,” he said. “It's not like the Spanish and the Australians will pick up the road and go away with it.”

RBS has estimated that some \$175 billion has been raised for purchases of government infrastructure assets, and that, with leverage, that provides some \$700 billion of “investment” capacity.

tate and encourage private-sector financial participation . . . as private capital can help deliver more projects and thus play a role in helping to address the investment gap.”

“Ideally,” the report says, “such systems should also incorporate in-vehicle or after-market Global Positioning System (GPS) devices.” “Specifically, these designs

center on the use of an on-board unit (one in each vehicle) that would contain a GPS receiver that receives satellite signals enabling it to calculate vehicle location in real time.”

While the Commission pays lip service to protecting privacy, the plan represents yet another step in the direction of a total Big Brother surveillance society,

National Surface Transportation Infrastructure Financing Commission

Chairman

Robert D. Atkinson: President, Information Technology and Innovation Foundation, Washington, D.C. Former director of the Progressive Policy Institute’s New Economy Task Force, co-chaired by Tom Daschle; former executive director of the Rhode Island Economic Policy Council. Atkinson’s career has been in promoting the information age and privatization.

Vice Chairman

Martin Shultz: Vice President, Government Affairs, Pinnacle West Capital Corporation, Phoenix, Ariz. Pinnacle West is the parent of Arizona Public Service, an electric utility.

Members

Donald F. Carmody: Director, Two Rivers Financial Group, Mount Pleasant, Ia.

Jeffrey C. Crowe: Chairman of the Board, Landstar System, Inc., Jacksonville, Fla. A past chairman of the U.S. Chamber of Commerce, and chairman of the National Defense Transportation Association from 1993 to 2003. He was *Financial World* magazine’s Transportation CEO of the Year in 1995.

Mark B. Florian: Managing Director, First Reserve Corporation, Greenwich, Conn., a private equity firm. Prior to joining First Reserve in 2009, he was the head of the public-private partnership infrastructure and toll-road looting at Goldman Sachs.

Bryan Grote: Principal, Mercator Advisors, LLC, Mount Airy, N.C., a firm which consults on infrastructure privatization.

Bill Kennedy: County Commissioner, Yellowstone

County, Billings, Mont. Past chairman of the Montana Transportation Commission.

Michael J. “Mike” Krusee: Representative, Texas House of Representatives, Austin. Krusee authored the bill which authorized the Trans-Texas Corridor public-private toll-road and transportation project.

Craig Lentzsch: Chairman, American Bus Association, Dallas, Tex. Lentzsch is the retired president and CEO of Coach America, and the former president and CEO of Greyhound Lines.

Dana R. Levenson: Managing Director and Head of North American Infrastructure Banking, The Royal Bank of Scotland, Chicago, Ill. A career banker, Levenson was appointed chief financial officer for the city of Chicago in 2004, and helped push through the sale of the Chicago Skyway and the long-term lease of several city parking garages, all to private interests. Now, at RBS, he pushes and finances privatization deals.

Adrian Moore: Vice President for Research, Reason Foundation, Los Angeles, Calif. The Reason Foundation is Libertarian think tank which pushes privatization and drug legalization.

Kathy Ruffalo-Farnsworth: One of the drafters of SAFETEA-LU, the legislation which created the Financing Commission. She is also a lobbyist for several transportation groups.

Elliot G. Sander: Former Executive Director and Chief Executive Officer, Metropolitan Transportation Authority, State of New York.

Zack Scrivner: City Council Member, Bakersfield, Calif. Chairman of the finance committee of the Young Republican National Federation, and a National Committeeman of the California Young Republicans.

Geoffrey S. Yarema: Partner and Infrastructure Practice Group Chair, Nossaman LLP, Los Angeles, Calif. Nossaman is a member of the U.K.-based Bridge Group, a network of law firms in the U.S., U.K., France, and Belgium.

**NATIONAL SURFACE TRANSPORTATION
INFRASTRUCTURE FINANCING COMMISSION**

AUTHORIZING LEGISLATION **COMMISSIONERS** **MEETINGS & HEARINGS** **BACKGROUND DOCUMENTS**

Commissioner Dana Levinson
Managing Director and Head of North American Infrastructure
The Royal Bank of Scotland

Commissioner Dana R. Levinson is the Managing Director in charge of The Royal Bank of Scotland's RBS' North American infrastructure banking business where he leads the effort either advising potential sellers of infrastructure assets or advising and arranging the financing for buyers. Prior to joining RBS, he was the City of Chicago's Chief Financial Officer where he oversaw the City Comptroller's Office and the departments of Budget and Management, Procurement Services and Revenue. In particular, he was responsible for the long-term lease concession sales of both the Chicago Skyway for \$1.83 billion in 2005 and the Chicago Downtown Parking System in 2006 for \$583 million. He also began the effort to lease Midway Airport and also led the effort to raise the City's bond ratings to their highest levels since 1978. Levinson received his M.B.A. from New York University and his B.A. with honors from Brown University.

The Financing Commission, whose website is pictured here, calls for “users” of transportation systems to “bear the full costs” of its use, by imposing a “pay-by-mile” system. Commissioner Dana Levinson is a leading promoter of privatized infrastructure.

with Britain as the model. Any safeguards will be quickly bypassed, as we have seen time and time again.

‘Criminally Insane’

“The authors of this report are both clinically and criminally insane,” observed Lyndon LaRouche, who added that we should, as a public service, identify the members of the Commission (see box).

The whole idea is a fraud. Were the goal simply to raise revenue, it would be far easier and cheaper to raise the fuel tax—after all, we already have a system in place to collect it. But instead, a vast and costly new bureaucracy is being recommended, a system that would be highly inefficient for the purpose of collecting revenue, and has ominous implications for social control. It is, like cap and trade, a Trojan horse for the planned global fascist dictatorship, and part of the mechanism for genocide.

From an economic standpoint, the Commission proposals are completely incompetent, and staggering in their stupidity. Though it has become increasingly common to do so, only idiots view transportation sys-

tems, or any other physical-economic infrastructure, as a “profit center.” The purpose of infrastructure is to make society as a whole more efficient and productive, with the cost of such projects being paid by the increase in economic activity they generate. Charging citizens high fees for the use of the transportation grid may seem to some like “fiscal responsibility,” but what it really does is make the economy less efficient, and reduce beneficial economic activity.

Stop the Genocide

As we have said before, the overall policy of the British Empire is genocide. Its policies are designed to cause a sharp reduction in the world’s population, as a way of eliminating the challenges to imperial control that come from

human progress.

The way to stop this obscene and criminal empire is to beat it with what it fears most, scientific and technological progress, to lift humanity into the nuclear age and beyond. Lyndon LaRouche has boldly acted, laying out a plan for putting the financier parasites and their monetary system through bankruptcy, and protecting the population while we launch a new global Renaissance. The plans are in place, the concepts behind them explained, the need for action clear. What are we waiting for?

The Obama Administration has no answers—its policies are failing on all fronts, so openly that even its controllers in London are beginning to worry. The nation is breaking apart, economically, politically, and culturally. Health care is being cut, with Social Security next. Governments at all levels are bankrupt and slashing spending. We are losing jobs at an unprecedented rate, and spending trillions on the bailout, as the nation collapses. And these idiots propose to reverse this by charging us more to drive our cars? Forget that—it’s time for LaRouche.

johnhoeftle@larouche.pub.com

Under Obama's Policies, the Nation Is Headed for Meltdown

July 10—"As of now—contrary to those who speak of an 'October Surprise' on the economy, you are going to see the bankruptcy of a lot of U.S. states," said Lyndon LaRouche in a statement issued July 6. "There will not be much left of the United States, come October."

As LaRouche spoke, at least 39 states had already imposed drastic cuts against their most vulnerable citizens, including restrictions on health care and education, according to a report by the Center for Budget and Policy Priorities. Thanks to the failure of the Obama Administration to stem the dramatic decline in jobs, state revenues are bound to decrease even further, creating the circumstances for even more draconian cutbacks in services. While California represents the most dramatic case of bankruptcy, many other states are not far behind.

The nation as a whole is fast approaching a situation in which the governments that are responsible for the general welfare *do not exist*.

This reality is beginning to be reflected in drops in the President's popularity, as it becomes clear that Obama's so-called stimulus program has been an incompetent flop. But, only the emergence of a powerful political movement to force through LaRouche's solution of bankruptcy reorganization, and FDR-style measures to rebuild the physical economy, could forestall the impending disaster, and time is running extremely short.

California Entering Hell

California, which, if it were a nation, would have the seventh-largest economy in the world, ran out of money to pay its bills last week. As of July 2, the state

government in Sacramento began to produce "registered warrants," otherwise known as IOUs, in the equivalent of \$53.3 million. The first set of IOUs was to be used primarily to pay residents waiting for their income tax refunds.

In keeping with the insanity of "market economics," the state has agreed to pay the banks 3.75% in interest in order to hold the IOUs. Three banks—Wells Fargo, Bank of America, and Chase—agreed to honor them, and, almost immediately, a secondary market for discounting them was set up, in order to take advantage of those who need immediate cash.

At the same time, Gov. Arnie Schwarzenegger put into effect his order for involuntary furloughs for state workers, by which they will have to take three unpaid days off per month (the equivalent of a 14% paycut). Beyond the loss of income to more than 200,000 state employees, who will have less money to spend in the local economy, these shutdowns will substantially reduce state services.

While Schwarzenegger insists that it is the Democrats' resistance to slashing the social safety net for the poor, elderly, and disabled which is creating the budget crisis, the reality is that the governor's own free-market policies, and the bankruptcy of the financial system as a whole, have severely cut back the revenues on which the state depends. California's budget deficit is now \$26 billion, and growing. Yet the only "solution" which the governor will tolerate is an increase in his own quasi-dictatorial powers.

Top state health officials are warning that deaths



EIRNS/Stuart Lewis

Senior citizens in Leesburg, Va. wait for flu shots during the 2004 epidemic. Today, seniors, the mentally and physically disabled, and the poor are the first to be slammed by the massive round of state budget cuts, most notably in California.

will result from the cuts that Schwarzenegger is demanding as the precondition for finalizing a budget. Yet, the Obama Administration, which alone has the authority to provide government credit to save the people of California, continues to turn a deaf ear, and the insane President has gone so far as to hold up bankrupt California as a model of “energy efficiency” and prosperity for the nation!

The Killing Expands

While no other state has yet had to resort to IOUs to pay bills, unsolvable budget crises continue to wreak havoc everywhere. Neither Illinois nor Pennsylvania has met the July 1 deadline for establishing a budget, and Ohio and North Carolina have only come up with extremely short-term fixes.

Targetted in all these states, as well as those where budgets have been temporarily balanced, are expenditures for the mentally ill, the elderly, and the disabled.

Take **Illinois**. The state, having no budget for social services as of July 1, has been operating without funds for mental health services or medication. Hundreds of thousands of Illinoisans are at risk, and there is no resolution in sight—just more cuts in the budgets for those services, as well as cuts for state employees.

The cuts have already begun. On June 29, the Rock Island County Health Department issued a statement in which it revealed that it, and other local health departments throughout the state, “have been informed that the

entire budget for Health Protection programs has been eliminated.” These programs include core public health services, such as “communicable disease surveillance and control, enforcement programs to ensure that food is safely handled . . . , and inspections of private sewage disposal systems and water wells.” And when the flu, both H1N1 and the seasonal flu, begins to hit?

In **North Carolina**, the search for a budget deal has put on the table a plan for cuts of as much as 30% of the state’s mental health system budget, and \$100 million over two years from the program that provides in-home care for the elderly and disabled. Of those dependent on the state’s mental health delivery system, the *Gastonia Gazette* quotes John Tote, executive director of the Mental Health Association of North Carolina: “They will lose their services; they will lose their health care. They will die. . . . It will have a tidal wave effect across the state, especially in rural areas.”

It Will Get Worse

Under the current policy of the Obama Administration, this breakdown can only get much worse. Already, since Obama took office, 3 million jobs have been lost, many of them in the very areas which the President had committed himself to “save”—such as construction and the auto industry. The total real unemployment figure has reached *30 million*.

How is that calculated? The number of official unemployed, 14.7 million, is the highest in U.S. history. But that’s not the full story. An additional 9 million people are forced to work part time (because full-time jobs are not available), and 6 million have dropped out of the labor force because they are too discouraged to look for work. The average length of time that the jobless are going without work has also reached a record level, 24.5 weeks.

Without a sharp reversal of policy, the jobless rate will push up all the other indicators of distress: foreclosures, food stamp dependency, a decline in tax revenues. It is a downward spiral into the abyss.

Yet, the U.S. Constitution gives the Federal government the ability to immediately reverse this process, through the utterance of Federal credit for the necessary functions of government, and for crucial infrastructure projects. Had the Congress, or the incoming President, moved to implement LaRouche’s Homeowners and Bank Protection Act of 2007, the current collapse could have been forestalled. It is still not too late to put them into effect.

The Earth Is Cooling, Not Warming

Even as the U.S. Senate and the G8 nations meeting in Italy continue their endless jabbering about greenhouse gases, nature is not cooperating.

The global climate has entered a phase of cooling and reduced solar activity, which some experts believe could bring on serious crop failures and food shortages. The reality is that the continued low activity of the Sun foreshadows an extended period of cooling, perhaps enough to bring on another Little Ice Age.

The global average temperature for the Earth has been decreasing over the past 8-10 years. The cooling that was shown by the satellite temperature data for May 2008 negated the entire globally averaged temperature increase of 0.6°C for the past 150 years, as hyped by Al Gore & Co.

One of the ways of gauging the likely future behavior of the Sun, is by looking at the length of the solar cycles. The Sun normally goes through an 11-year cycle of increase and decrease in activity, as exhibited by such phenomena as the appearance of visible spots on its surface. Records of these sunspots go back four centuries, to the advent of telescopes.

The current solar cycle, #23, is now 13 years long, and solar cycle 24 has yet to start up in earnest. The last solar cycle more than 13 years long was #3, which preceded the Dalton Minimum, a cold period, from 1796 to 1824, during what is called the Little Ice Age. This was caused by low solar activity during solar cycles 4 and 5. During the Dalton Minimum, there were large crop failures and food shortages.

The recent inactivity of the Sun is consistent with forecasts made by Russia's Pulkovo Observatory in St. Petersburg, over the past two years. On Jan. 22, 2008, Khabibullo Abdusamatov, head of the Observatory's Space Research Lab, told

RIA Novosti, "Temperatures on Earth have stabilized in the past decade, and the planet should brace itself for a new Ice Age, rather than global warming."

Abdusamatov warned that global temperatures would drop slightly in 2008, rather than rise, due to unprecedentedly low solar radiation over the past 30 years, and would continue decreasing, even if industrial emissions of carbon dioxide were to reach record levels. According to Abdusamatov, "By 2041, solar activity will reach its minimum, according to a 200-year cycle, and a deep cooling period will hit the Earth approximately in 2055-60. It will last for about 45-65 years, and by mid-21st Century, the planet will face another Little Ice Age."

Apart from these shorter-term solar cycles, the long-term cycles of the Earth's orbital relationship to the Sun, position us for the onset of new glaciation. In the past several million years of the Pleistocene Era, the Northern Hemisphere has experienced periods of glacial advance lasting 100,000 years on average, punctuated by short-term interglacials, averaging about 11,000 years. In the last glaciation, which ended about 12,000 years ago, a mass of ice, between 1 and 2 miles thick, covered North America, and northern and eastern Europe. The parameters of precession of the equinoxes, ellipticity of the Earth's orbit, and obliquity create the possibility for the onset of another such glaciation. A downturn in the solar cycles could be the trigger that starts such an event.

It is folly for policymakers to be talking about global warming and not about the very real prospect of 20 to 30 years of global cooling, that would cause major food shortages, and add more challenges in the face of the onrushing global economic breakdown crisis.

See LaRouche on Cable TV

INTERNET

- BCAT.TV/BCAT Click BCAT-2 Mon: 10 am (Eastern Time)
- LAROCHEPUB.COM Click *LaRouche's Writings*. (Avail. 24/7)
- MNN.ORG Click *Watch Ch.57* Fri: 2:30 a.m. (Eastern Time)
- QUOTE-UNQUOTE.COM Click on *Ch.27*. Tue. 6 pm (Mtn.)
- SCAN-TV.ORG Click *Scan on the Web (Pacific Time)*. Ch.23: Wed. 7 am Ch.77: Mon. 11 am
- WUWF.ORG Click *Watch WUWF-TV*. Last Mon 4:30-5 pm (Eastern)

INTERNATIONAL

THE PHILIPPINES

- MANILA Ch.3: Tue 9:30 pm

ALABAMA

- UNIONTOWN GY Ch.2: Mon-Fri every 4 hours; Sun Afternoons

ALASKA

- ANCHORAGE GCI Ch.9: Thu 10 pm

CALIFORNIA

- CONTRA COSTA CC Ch.26: 2nd Tue 7 pm
- COSTA MESA TW Ch.35: Thu 5:30 pm
- LANCASTER/PALMDALE TW Ch.36: Sun 1 pm
- LONG BEACH CH Analog Ch.65/69 & Digital Ch.95: 4th Tue 1-1:30 pm
- ORANGE COUNTY (N) TW Ch.95/97/98: Fri 4 pm

COLORADO

- DENVER CC Ch.56 Sun 10 am

CONNECTICUT

- GROTON CC Ch.12: Mon 5 pm
- NEW HAVEN CC Ch.23: Sat 6 pm
- NEWTOWN CH Ch.21: Mon 12:30 pm; Fri 7 pm
- NORWICH CC Ch.14: Thu 7:30 pm
- SEYMOUR CC Ch.10: Tue 10 pm

DISTRICT OF COLUMBIA

- WASHINGTON CC Ch.95 & RCN Ch.10: Irregular

FLORIDA

- ESCAMBIA COUNTY CX Ch.4: Last Sat 4:30 pm

ILLINOIS

- CHICAGO CC./RCN/WOW Ch.21: Irregular
- PEORIA COUNTY IN Ch.22: Sun 7:30 pm
- QUAD CITIES MC Ch.19: Thu 11 pm
- ROCKFORD CC Ch.17 Wed 9 pm

IOWA

- QUAD CITIES MC Ch.19: Thu 11 pm

KENTUCKY

- BOONE/KENTON COUNTIES IN Ch.21: Sun 1 am; Fri Midnight
- JEFFERSON COUNTY IN Ch.98: Fri 2-2:30 pm

LOUISIANA

- ORLEANS PARISH CX Ch.78: Tue 4 am & 4 pm

MAINE

- PORTLAND TW Ch.2: Mon 1 & 11 am; 5 pm

MARYLAND

- ANN ARUNDEL CC Ch.99; FIOS Ch.42: Tue & Thu: 10 am; Fri & Sat: midnight
- P.G. COUNTY CC Ch.76 & FIOS Ch.42: Wed & Fri: 6 pm
- MONTGOMERY COUNTY CC/RCN/FIOS Ch.21: Tue 2 pm

MASSACHUSETTS

- BROOKLINE CV & RCN Ch.3: Mon 3:30 pm; Tue 3:30 am; Wed 9 am & 9 pm;
- CAMBRIDGE CC Ch.10: Tue 2:30 pm; Fri 10:30 am
- FRANKLIN COUNTY (NE) CC Ch.17: Sun 8 pm; Wed 9 pm; Sat 4 pm
- QUINCY CC Ch.8: Pop-ins.
- WALPOLE CC Ch.8: Tue 1 pm

MICHIGAN

- BYRON CENTER CC Ch.25: Mon 2 & 7 pm
- DETROIT CC Ch.68: Irregular
- GRAND RAPIDS CC Ch.25: Irreg.
- KALAMAZOO CH Ch.20: Tue 11 pm; Sat 10 am
- KENT COUNTY (North) CH Ch.22: Wed 3:30 & 11 pm
- KENT COUNTY (South) CC Ch.25: Wed 9:30 am
- LAKE ORION CC Ch.10: Mon/Tue 2 & 9 pm
- LANSING CC Ch.16: Fri Noon
- LIVONIA BH Ch.12: Thu 3 pm
- MT. PLEASANT CH Ch.3: Tue 5:30 pm; Wed 7 am
- SHELBY TOWNSHIP CC Ch.20 & WOW Ch.18: Mon/Wed 6:30 pm
- WAYNE COUNTY CC Ch.16/18: Mon 6-8 pm

MINNESOTA

- ALBANY AMTC Ch.13: Tue & Thu: 7:30 pm
- CAMBRIDGE US Ch.10: Wed 6 pm
- COLD SPRING US Ch. 10: Wed 6 pm
- COLUMBIA HEIGHTS CC Ch.15: Tue 9 pm
- DULUTH CH Ch.20: Mon 9 pm; Wed 12 pm, Fri 1 pm
- MARSHALL Prairie Wave & CH Ch.35/8: Sat. 9 am
- MINNEAPOLIS TW Ch.16: Tue 11 pm
- MINNEAPOLIS (N. Burbs) CC Ch.15: Thu 3 & 9 pm
- NEW ULM TW Ch. 14: Fri 5 pm
- PROCTOR MC Ch. 12: Tue 5 pm to 1 am
- ST. CLOUD CH Ch.12: Mon 6 pm
- ST. CROIX VALLEY CC Ch.14: Thu 1 & 7 pm; Fri 9 am
- ST. LOUIS PARK CC Ch.15: Sat/Sun Midnite, 8 am, 4 pm
- ST. PAUL CC Ch.15: Wed 9:30 pm
- ST. PAUL (S&W Burbs) CC Ch.15: Wed 10:30 am; Fri 7:30 pm
- SAULK CENTRE SCTV Ch.19: Sat 5 pm
- WASHINGTON COUNTY (South) CC Ch.14: Thu 8 pm

- WASHINGTON COUNTY (South) CC Ch.14: Thu 8 pm

NEVADA

- BOULDER CITY CH Ch.2: 2x/day: am & pm
- WASHOE COUNTY CH Ch.16: Thu 9 pm

NEW HAMPSHIRE

- CHESTERFIELD CC Ch.8: Wed 8 pm
- MANCHESTER CC Ch.23: Thu 4:30 pm

NEW JERSEY

- BERGEN CTY TW Ch.572: Mon & Thu 11 am; Wed & Fri 10:30 pm
- MERCER COUNTY CC Trenton Ch.26: 3rd & 4th Fri 6 pm Windsors Ch.27: Mon 5:30 pm
- MONTVALE/MAHWAH CV Ch.76: Mon 5 pm
- PISCATAWAY CV Ch.15: Thu 11:30 pm
- UNION CC Ch.26: Irregular

NEW MEXICO

- BERNALILLO COUNTY CC Ch.27: Tue 2 pm
- LOS ALAMOS CC Ch.8: Wed 10 pm
- SANTA FE CC Ch.16: Thu 9 pm; Sat 6:30 pm
- SILVER CITY CC Ch.17: Wed 8-10 pm
- TAOS CC Ch.2: Thu 7 pm

NEW YORK

- ALBANY TW Ch.18: Wed 5 pm.
- BETHLEHEM TW Ch.18: Thu 9:30 pm
- BRONX CV Ch.70: Wed 7:30 am
- BROOKLYN CV Ch.68: Mon 10 am TW Ch.35: Mon 10 am RCN Ch.83: Mon 10 am FIOS Ch.43: Mon 10 am
- BUFFALO TW Ch.20: Wed & Fri 10:30-11pm
- CHEMUNG/STUEBEN TW Ch.1/99: Tue 7:30 pm
- ERIE COUNTY TW Ch.20: Thu 10:35 pm
- IRONDEQUOIT TW Ch.15: Mon/Thu 7 pm
- JEFFERSON/LEWIS COUNTIES TW Ch.99: Irregular
- MANHATTAN TW & RCN Ch.57/85 Fri 2:30 am
- ONEIDA COUNTY TW Ch.99: Thu 8 or 9 pm
- PENFIELD TW Ch.15: Irregular
- QUEENS TW Ch.56: 4th Sat 2 pm RCN Ch.85: 4th Sat 2 pm
- QUEENSBURY TW Ch.71: Mon 7 pm
- ROCHESTER TW Ch.15: Sun 9 pm; Thu 8 pm
- ROCKLAND CV Ch.76: Tue 5 pm
- SCHENECTADY TW Ch.16: Fri 1 pm; Sat 1:30 am
- STATEN ISLAND TW Ch.35: Mon & Thu Midnite. TW Ch.34: Sat 8 am
- TOMPKINS COUNTY TW Ch.13: Sun 12:30 pm; Sat 6 pm

- TRI-LAKES TW Ch.2: Sun 7 am, 1 pm, 8 pm
- WEBSTER TW Ch.12: Wed 9 pm
- WEST SENECA TW Ch.20: Thu 10:35 pm

NORTH CAROLINA

- HICKORY CH Ch.6: Tue 10 pm
- MECKLENBURG COUNTY TW Ch.22: Sat/Sun 11 pm

OHIO

- AMHERST TW Ch.95: 3X Daily
- CUYAHOGA COUNTY TW Ch.21: Wed 3:30 pm
- OBERLIN Cable Co-Op Ch.9: Thu 8 pm

OKLAHOMA

- NORMAN CX Ch.20: Wed 9 pm

PENNSYLVANIA

- PITTSBURGH CC Ch.21: Thu 6 am

RHODE ISLAND

- BRISTOL, BARRINGTON, WARREN Full Channel Ch.49: Tue: 10 am
- EAST PROVIDENCE CX Ch.18; FIOS Ch.25: Tue: 6 pm
- STATEWIDE RI INTERCONNECT CX Ch.13; FIOS Ch.32 Tue 10 am

TEXAS

- HOUSTON CC Ch.17 & TV Max Ch.95: Wed 5:30 pm; Sat 9 am
- KINGWOOD CB Ch.98: Wed 5:30 pm; Sat 9 am

VERMONT

- BRATTLEBORO CC Ch.8: Mon 6 pm, Tue 4:30 pm, Wed 8 pm
- GREATER FALLS CC Ch.10: Mon/Wed/Fri 1 pm
- MONTPELIER CC Ch.15: Tue 10 pm; Wed 3 am & 4 pm

VIRGINIA

- ALBEMARLE COUNTY CC Ch.13: Sun 4 am; Fri 3 pm
- ARLINGTON CC Ch.69 & FIOS Ch.38: Tue 9 am
- CHESTERFIELD COUNTY CC Ch.17; FIOS Ch.28: Mon 1 pm
- FAIRFAX CX & FIOS Ch.10: 1st & 2nd Wed 1 pm; Sun 4 am. FIOS Ch.41: Wed 6 pm
- LOUDOUN COUNTY CC Ch.98 & FIOS Ch.41: Wed 6 pm
- ROANOKE COUNTY CX Ch.78: Tue 7 pm; Thu 2 pm

WASHINGTON

- KING COUNTY CC Ch.77: Mon 11 am, Wed 7 am BS Ch.23: Mon 11 am, Wed 7 am
- TRI CITIES CH Ch.13/99: Mon 7 pm; Thu 9 pm

WISCONSIN

- MARATHON CH Ch.10: Thu 9:30 pm; Fri 12 Noon
- MUSKEGO TW Ch.14: Sat 4 pm; Sun 7 am

WYOMING

- GILLETTE BR Ch.31: Tue 7

MSO Codes: AS=Astound; BD=Beld; BR=Bresnan; BH=BrightHouse; BS = Broadstripe; CV=Cablevision; CB=Cebridge; CH=Charter; CC=Comcast; CX=Cox; GY=Galaxy; IN=Insight;

MC=MediaCom; TW=TimeWarner; US=US Cable. FIOS=Verizon FIOS-TV.

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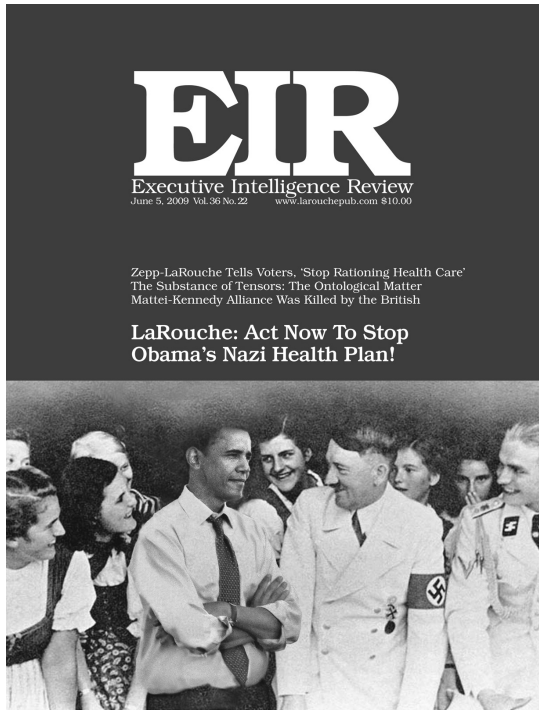
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