

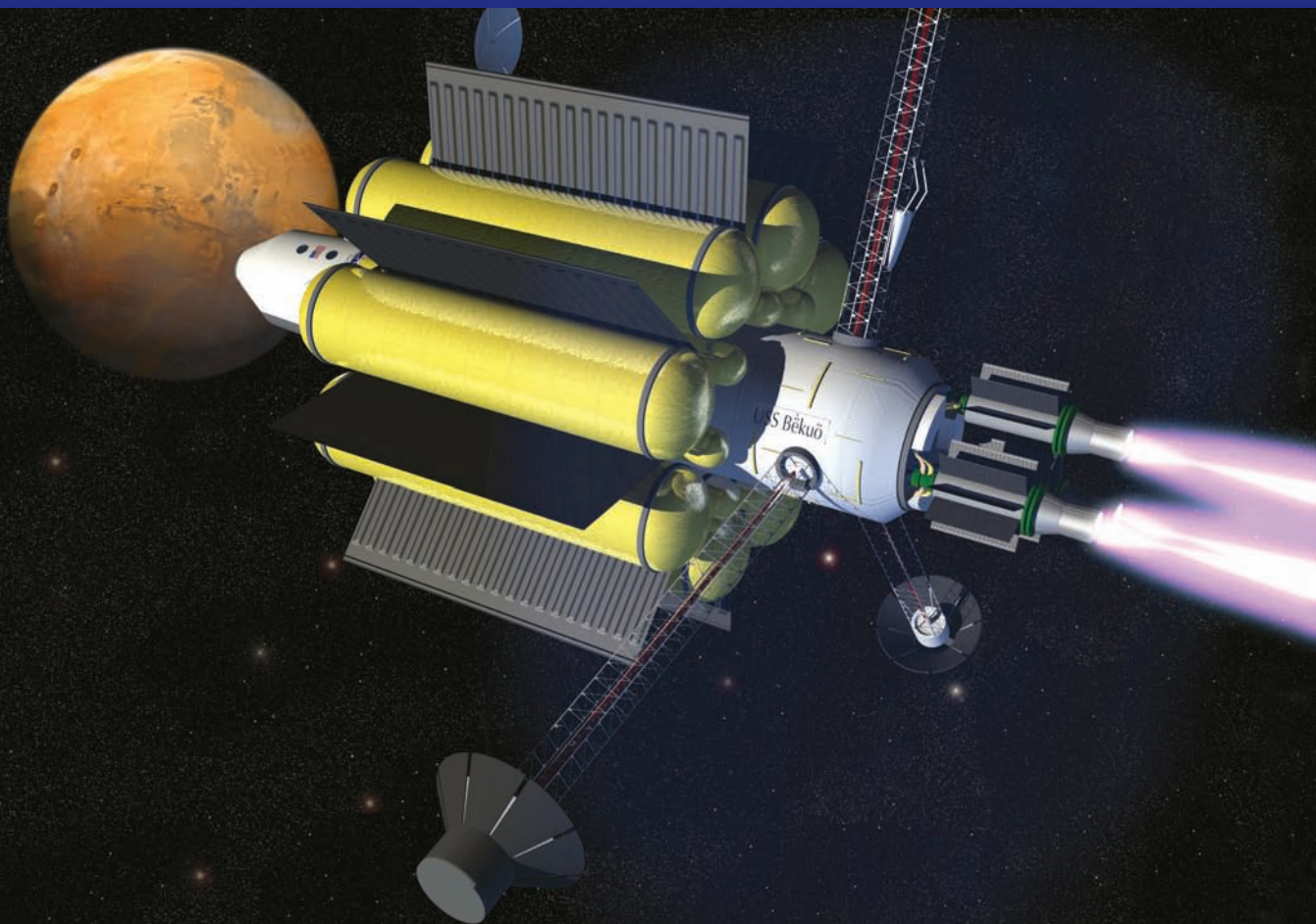
EIR

Executive Intelligence Review

September 4, 2009 Vol. 36 No. 34 www.larouchepub.com \$10.00

Blair's Name Attached to Every Evil Obama Policy
Obama Reappoints 'Bailout Ben': U.S. Will Pay the Price
Will the President Jump on the LaRouche Lifeboat?

Mars: The Next Fifty Years



Keep Up with 21st CENTURY SCIENCE & TECHNOLOGY

Featured in the Spring 2009 issue

■ The Sun, Not Man, Still Rules Our Climate

by Zbigniew Jaworowski

A leading scientist dissects the false “fingerprint” of man-made warming and the Malthusian hand promoting it.

■ How Developing Countries Can Produce Emergency Food And Gain Self-Sufficiency

by Mohd Peter Davis and N. Yogendran

Malaysia's revolutionary Deep Tropical agricultural system is a model for feeding the world—fast—and bringing the developing nations out of feudal poverty.

■ Stimulate the Economy: Build New Nuclear Plants!

by Marsha Freeman

Nuclear power is essential for the United States to recover from the ongoing breakdown crisis and become economically productive again.

■ SPECIAL REPORT:

Water to Green Mexico's Farmland

On the PLHINO-PHLIGON, a great infrastructure project to move water from the mountains of the south to nourish the abundant farmland of Mexico's dry north, by Alberto Vizcarra Osuna.

■ Ancient Discovery:

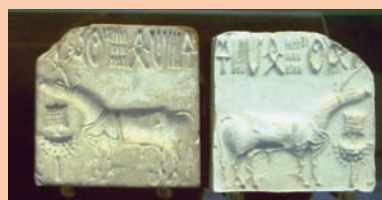
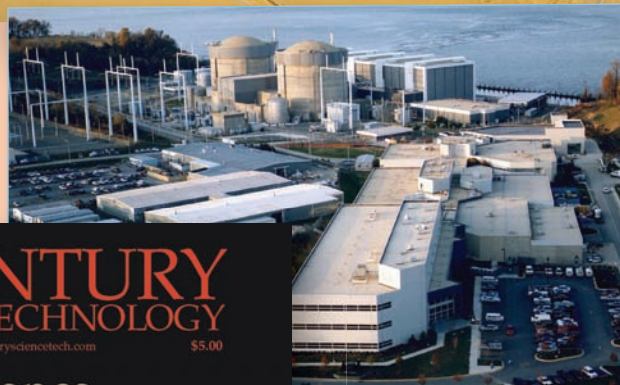
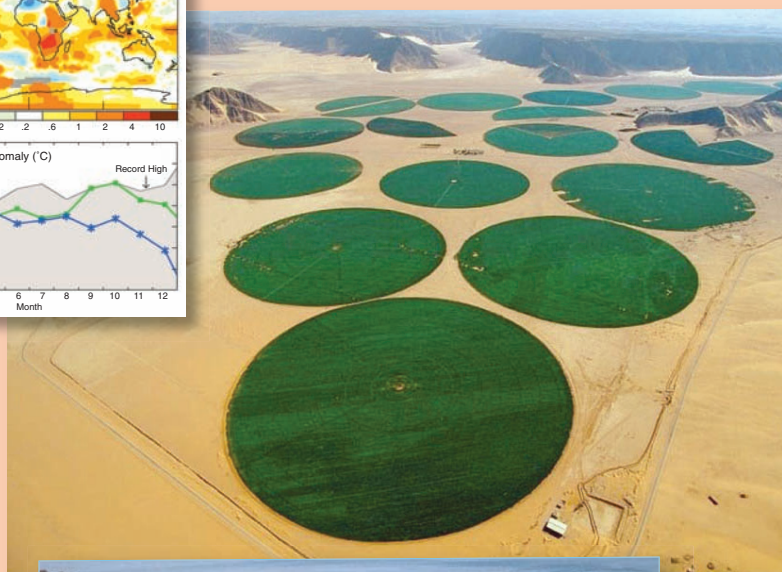
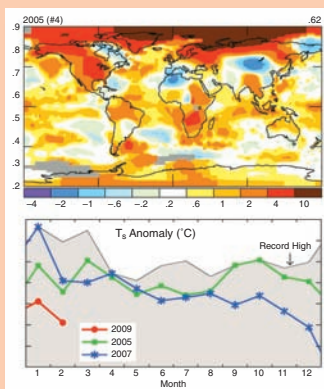
Where Is Punt, The 'Land of God'?

by Rick Sanders

On how ancient Egyptians had sea-going vessels and the astrogation skills to make long-distance voyages, including to the Americas.

- A letters column in the form of a dialogue, with responses from General Atomics and the PBMR to questions on the modular reactors, in particular on recycling, raised by a retired reactor engineer from Argonne National Laboratory

- Book reviews of *Axis of the World: The Search for the Oldest American Civilization* by Igor Witkowski and James Lovelock's *The Vanishing Face of Gaia: A Final Warning*



Subscribe!

Electronic subscriptions are

\$25 for 6 issues,

\$48 for 12 issues.

Single electronic copy is \$5.

Available at

www.21stcenturysciencetech.com

or send check/money order to

21st Century

P.O. Box 16285, Washington, D.C.
20041

• How to Feed the World • The Sun Rules Climate
• Stimulate the Economy with Nuclear Plants

Founder and Contributing Editor:

Lyndon H. LaRouche, Jr.

Editorial Board: *Lyndon H. LaRouche, Jr., Antony Papert, Gerald Rose, Dennis Small, Edward Spannaus, Nancy Spannaus, Jeffrey Steinberg, William Wertz*

Editor: *Nancy Spannaus*

Managing Editors: *Bonnie James, Susan Welsh*

Science Editor: *Marjorie Mazel Hecht*

Technology Editor: *Marsha Freeman*

Book Editor: *Katherine Notley*

Graphics Editor: *Alan Yue*

Photo Editor: *Stuart Lewis*

Circulation Manager: *Stanley Ezrol*

INTELLIGENCE DIRECTORS

Counterintelligence: *Jeffrey Steinberg, Michele Steinberg*

Economics: *John Hoefle, Marcia Merry Baker, Paul Gallagher*

History: *Anton Chaitkin*

Ibero-America: *Dennis Small*

Law: *Edward Spannaus*

Russia and Eastern Europe: *Rachel Douglas*

United States: *Debra Freeman*

INTERNATIONAL BUREAUS

Bogotá: *Javier Almarino*

Berlin: *Rainer Apel*

Copenhagen: *Tom Gillesberg*

Houston: *Harley Schlanger*

Lima: *Sara Madueño*

Melbourne: *Robert Barwick*

Mexico City: *Rubén Cota Meza*

New Delhi: *Ramtanu Maitra*

Paris: *Christine Bierre*

Stockholm: *Hussein Askary*

United Nations, N.Y.C.: *Leni Rubinstein*

Washington, D.C.: *William Jones*

Wiesbaden: *Göran Haglund*

ON THE WEB

e-mail: eirns@larouchepub.com

www.larouchepub.com

www.larouchepub.com/eiw

Webmaster: *John Sigerson*

Assistant Webmaster: *George Hollis*

Editor, Arabic-language edition: *Hussein Askary*

EIR (ISSN 0273-6314) is published weekly (50 issues), by EIR News Service, Inc., 729 15th St. N.W., Washington, D.C. 20005.
(703) 777-9451

European Headquarters: E.I.R. GmbH, Postfach 1611, D-65006 Wiesbaden, Germany;
Bahnstrasse 9a, D-65205, Wiesbaden, Germany
Tel: 49-611-73650
Homepage: <http://www.eirna.com>
e-mail: eirna@eirna.com
Director: Georg Neudekker

Montreal, Canada: 514-855-1699

Denmark: EIR - Danmark, Sankt Knuds Vej 11, basement left, DK-1903 Frederiksberg, Denmark.
Tel.: +45 35 43 60 40, Fax: +45 35 43 87 57. e-mail: eirdk@hotmail.com.

Mexico: EIR, Manual Ma. Contreras #100, Despacho 8, Col. San Rafael, CP 06470, Mexico, DF.
Tel.: 2453-2852, 2453-2853.

Copyright: ©2009 EIR News Service. All rights reserved. Reproduction in whole or in part without permission strictly prohibited.

Canada Post Publication Sales Agreement #40683579

Postmaster: Send all address changes to EIR, P.O. Box 17390, Washington, D.C. 20041-0390.

EIR

From the Managing Editor

This past week, many of us were reminded again, with the passing of Sen. Ted Kennedy, of the time, now 40 years ago, that President John F. Kennedy pledged our nation to place a man on the Moon within the decade. And, as everyone knows, despite his tragic death, the United States succeeded, in 1969, with Apollo 11, in seeing the first humans take steps on the lunar surface.

In our cover story, we celebrate that tremendous achievement, by taking a giant step into the future, with Marsha Freeman's, "Mars: the Next 50 Years" (p. 4). Freeman looks at the space program from the vantage point of the year 2059, from Kepleropolis, the first manned colony on Mars. As Lyndon LaRouche has emphasized, it is only by approaching the current existential, planet-wide crisis, from the standpoint of a vision of the future, especially, from the perspective of space science, that man can prevent the onset of a terrible new dark age. "You have to have a mission," LaRouche declared recently, "a mission to Mars. A space mission to colonize Mars is the way in which we define ourselves."

Continuing on this theme, in her Aug. 21 webcast, German Chancellor candidate Helga Zepp-LaRouche heartily endorses the late space scientist Krafft Ehrlicke's "extraterritorial imperative," as the natural destiny of mankind (p. 22).

And, despite the determination of the British imperial circles who pull the strings on Team Obama, to ram through their Nazi health-care policies, their war in Afghanistan, and their drug legalization policies, there continues to be intense and noisy opposition, across the length and breadth of our land. In his "Is the Democratic Party Already Dead?", LaRouche lays out the emergency political and economic measures immediately required to guarantee a future for Earth's imperiled billions. These reports, and more, can be found in the *National* and *International* departments.

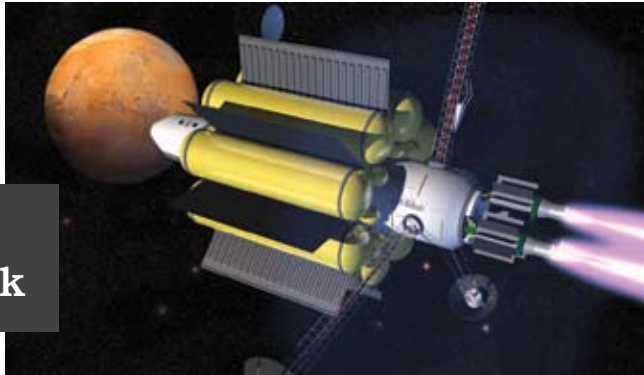
As the young Mexican-American astronaut, José Hernández, who will fly on NASA's next Space Shuttle mission, put it: "It's time that we start exploring other worlds. And future generations are going to thank us for it" (see article, p. 47).

To delve more deeply into all of this, be sure to watch LaRouche's Sept. 8 webcast, "The Death of the British Empire," at 1 p.m. Eastern Time, at www.larouchepac.com.



Cover This Week

Artist's conception of a manned VASIMR plasma-rocket-powered spacecraft nearing Mars.



Ad Astra Rocket Company

8 Mars: The Next 50 Years

Marsha Freeman transports the reader to Kepleropolis, a city on Mars that, on July 20, 2059, is celebrating man's first landing on the Moon 90 years before. Residents are looking forward to the imminent launch of their newest spacecraft, Kepler II, which will be the first to use a revolutionary anti-matter propulsion system to travel to neighboring stars. How did we get here, and how was the 2009 crisis on Earth overcome, making such space travel possible?

National

4 Is the Democratic Party Already Dead?

By Lyndon H. LaRouche, Jr.
A statement released on Aug. 27 by the LaRouche Political Action Committee.

5 Will Obama Jump On LaRouche Lifeboat?

The weeks ahead are going to see a full-blown crisis of the financial system worldwide, and LaRouche has spelled out exactly what needs to be done. If the President does not make such a dramatic policy reversal, his Presidency is finished.

7 LaRouche's Alternative

Strategic Studies

22 Helga Zepp-LaRouche Webcast: U.S. Threat of Ungovernability: Will It Spread to Germany?

In the second webcast of her campaign for Germany's Chancellor, Zepp-LaRouche briefs the audience on the mass-strike process erupting in the United States, the battle over health-care "reform," and the "Extraterrestrial Imperative"—part of the necessary solution to the global crisis.

Economics

36 Obama Reappoints 'Bailout Ben': America Will Pay the Price

The naming of Ben Bernanke to a second term as chairman of the Federal Reserve makes clear that President Obama is determined to continue bailing out the Anglo-Dutch Liberal monetary system, while bankrupting the United States.

39 Business Briefs

Departments

38 Herd on the Street Deep in the Hole

International

40 Tony Blair's Name Attached To Every Evil Obama Policy

Whether it be imperial wars, Nazi economic policies, or genocidal environmentalism, the policy finds its spokesman in the former British Prime Minister. A profile of this globe-trotter for hire.

43 LaRouche on Afghanistan: 'No Alternative to Total Victory'—Over the British Empire

45 Peruvian Congressman Turns to EIR To Beat Back Soros Drug Offensive

47 Will the Youth of the Americas Be Spaced Out, or Space Pioneers?

50 Letter to the Editor: Beware of British Historical Minefields

Iranian historian Prof. Pirouz Mojtahed-zadeh adds his own insights to *EIR*'s recent article by Dean Andromidas, "When Americans Fought for Iran's Sovereignty."

54 Let's Have a Referendum on the Lisbon Treaty! By Helga Zepp-LaRouche.

Editorial

56 The View from the Heavens

Is the Democratic Party Already Dead?

by Lyndon H. LaRouche, Jr.

The LaRouche Political Action Committee released this statement for the widest possible circulation.

Aug. 27—Already, clearly more than half of the legally adult citizenry of the United States has bitterly rejected both the Obama Presidency's policies and those of most of the members of the U.S. Congress. The Democratic Party is virtually finished, if the Party does not change its policy to one of opposition to both the hated, thieving bail-out, and cancel all support for that health-care policy of President Obama which is an exact copy, in explicit content, of the 1939-1942 health-care policies of dictator Adolf Hitler personally, health-care policies of Hitler which were introduced to British law's NICE policy of the liar, Tony Blair. This is that same, evil Tony Blair, who orchestrated the U.S. plunge into the recent Iraq War, and is now part of the process of plunging the U.S. into an even worse catastrophe now rapidly escalating in Afghanistan.

My policy, which I intend shall be reported everywhere, is the following.

1. Since President Obama was elected, we can not simply dump him, unless he must be impeached, an outcome which we should not desire at this time. We must keep him in place, and protect him from the clear and present threat of an assassination-attack from British or related sources angered by fear that President Obama's present, London-dictated U.S. policies must be termi-

nated. We must seek to avoid that impeachment, which we can do if the deeply emotionally troubled President himself will agree to cooperate with worthy advisors in what I propose will amount to a reasonable degree of "adult supervision" for the purpose of protecting him against his own, already manifest, so far characteristic impulsive expression of greatly impaired judgment while in office.

To this effect, we have many suitable officials in key positions within the U.S. Presidency today, provided we eliminate those associated with the architects of his explicitly Nazi-copied health-care program, and with the behaviorist cult circles generally. We also have available some suitable expert advisors of the Presidency on matters of dealing with the presently onrushing general breakdown-crisis of the U.S. and other national economies of the planet now.

2. We must, at the same time, push through the combination, in effect, of the original Pecora commission as originally empowered, and apply the explicit authority of the original intention of our Federal Constitution; to establish national banking as the notion is associated with the memory of Alexander Hamilton; and, cancel the authority of the corrupt and almost certainly hopelessly bankrupt Federal Reserve System, that we might return, as a nation, to those explicit terms of our Federal Constitution

which establish our system as that of a credit system, rather than the alien model of a monetary system.

3. To effect a recovery, certain steps must be taken immediately, before the close of the present U.S. fiscal year, to negotiate what is fairly estimated as an available four-power agreement among the U.S.A., Russia, China, India, and other nations willing to participate now, to establish an international fixed-exchange-rate credit system as a total replacement for a terminated, hopelessly bankrupted, presently existent monetary system
4. Through suitable actions in bankruptcy, we must undo the “bail-out” arrangements which have been chiefly responsible for those effects which have brought a majority of our citizens to hate their present Federal government. Otherwise, if that is not done, and done promptly, not only the U.S.A., but every nation on the planet is now on the verge of disintegrating in an unwinding which will be underway no later than the concluding several months of the calendar year 2009.

Will Obama Jump On LaRouche Lifeboat?

Special to EIR

Aug. 28—In response to the escalating popular revolt, and the leading role of Lyndon LaRouche and the LaRouche Political Action Committee (LPAC), in catalyzing this mass repudiation of the White House euthanasia plans, disguised as “health-care reform,” top leaders of the Democratic Party held a series of closed-door meetings in Washington in the past two weeks, according to several participants. While no agreement was reached over how to deal with the famous LPAC “Hitler mustache” poster, the level of hysteria spread to all levels of the Party, further jeopardizing President Obama’s political survival.

When the President, clearly exhausted by the pandemonium back at 1600 Pennsylvania Ave., announced that he was taking a four-day vacation at Camp David to “recover” from his week-long family vacation in Martha’s Vineyard—interrupted by the panicked press conference announcing the reappointment of Ben Bernanke as chairman of the Fed—even the slavishly pro-



White House/Pete Souza

The White House is expected to promote its euthanasia policy, by invoking the name of the late Sen. Ted Kennedy, who, for decades, championed genuine health-care reform. But, Obama’s “bait-and-switch” scheme will not fool the American people. Shown, Kennedy and Obama in the White House Green Room, with a portrait of Benjamin Franklin above.

pitatory media could not resist drawing parallels between Obama and ex-President George W. Bush, who famously took a month-long August vacation in Crawford, Tex., during his first year in office, only to return to Washington to face the Sept. 11, 2001 attacks.

The President needs all the rest he can get. As LaRouche has warned, the weeks ahead are going to see the full-scale blowout of the entire global financial system, as the U.S. Federal government reaches the end of the current fiscal year; as every state in the nation reaches bankruptcy; as true unemployment soars towards 30% of the labor force; and as the full magnitude of the bankruptcy of the Federal Reserve System and the Federal government becomes transparent.

That is when the President is going to face his first real moment of truth. LaRouche has spelled out exactly

what must be done, to avert a worldwide plunge into a genocidal dark age. The President must replace his entire White House team of economic advisors, beginning with Larry Summers, Peter Orszag, Rahm Emanuel, and Treasury Secretary Tim Geithner. The Federal Reserve System must be put through bankruptcy reorganization, and replaced by a national banking credit system, as provided for in the U.S. Constitution.

If President Obama, with the backing of key personalities within the institution of the Presidency, takes these unavoidable measures, he will have also taken the pivotal first step toward a Four Power agreement with Russia, China, and India, to create an international credit system, based on Alexander Hamilton's American System model, and the original Bretton Woods System of President Franklin D. Roosevelt, free from the vise-grip of the thoroughly bankrupt London-centered financier oligarchy and their monetary system of private central banks.

This lifeboat, offered by LaRouche, is already in the water, just off to the side of the *Titanic*. Will the President climb aboard the lifeboat, save his collapsing Presidency, and, with it, the United States? No one yet knows the answer to that question, but the time is here and now, when that decision must be made.

The Alternative

If the President fails to take up the offer extended by LaRouche, to save his Presidency by a dramatic policy reversal, and a thorough housecleaning, it is fair to say that the Obama Presidency is finished.

It is also fair to say that the Democratic Party, following the electoral victories of 2006 and 2008, will soon disintegrate, unless its leadership, too, embraces the policies offered by LaRouche, to deal with this worst crisis in the history of the nation and the modern world.

So far, the closely knit circle of Presidential mis-advisors shows no signs of facing the reality, instead, choosing to feed on Obama's notorious Narcissus Complex, by coming up with one desperate scheme after another, to boost his "popularity."

While still refusing to give up on the delusional idea that they can sell brutal Schachtian austerity to the American people, under the guise of health care for all, the White House spinmeisters are now promising a bold new foreign policy initiative, soon after Labor Day, which, they claim, will boost the President's popularity back to Inauguration Day levels.

From sources close to the White House, it appears that the foreign policy "miracle" is to be revealed during the President's address to the UN General Assembly, in mid-September. Obama, according to these accounts, will announce a dramatic breakthrough in the Middle East peace process, and the planned convening of a Madrid II/Annapolis II regional peace conference.

The problem with this latest White House scheme is that it won't work. Despite the best efforts of Middle East peace envoy George Mitchell, none of the major regional players are ready to make the kinds of tough concessions necessary for such an initiative to succeed. Certainly, Israeli Prime Minister Benjamin Netanyahu is not about to seriously meet Mitchell's demands for a total freeze in Israeli settlement expansion any time soon. Leaks from Jerusalem for the past week have peddled the lie that the Obama Administration has made major concessions, excluding Jerusalem and 2,500 West Bank housing units from the freeze, and linking any Israeli action to new, harsh, international sanctions against Iran.

Were there any truth to the Israeli leaks, the Middle East would be *further* from peace than at any time since the Oslo Accords of 1993.

A survey of the regional political map reveals no credible prospect of an Obama peace "breakthrough." The Palestinians remain divided, between a Fatah-run West Bank and a Hamas-run Gaza, with Egyptian mediation largely stalled; Britain's leading Persian Gulf ally, Saudi Arabia, has refused to make any concessions to Israel (while giving a wink and a nod for other Persian Gulf states to make them); and Egypt is entering the terminal phase of a succession crisis, as President Hosni Mubarak's health continues to deteriorate.

In short, Southwest Asia remains deeply locked in the tragic, century-old imperial Sykes-Picot dynamic, that can only be broken from the outside—by a strong intervention from a strong U.S. Presidency, which, right now, does not exist.

Therefore, the same pack of White House advisors—David Axelrod, Rahm Emanuel, Larry Summers, and company—who have engineered the biggest collapse of public support for a newly elected President in the history of the Republic, are at it again, wildly dreaming about a political rescue scheme, totally divorced from the hard realities of Middle East politics. And what's worse, by all accounts, the President is buying this latest swindle, "hook, line, and

sinker.”

Administration sources have confirmed that the White House has sent out orders to the State Department and the Pentagon, putting all other foreign policy initiatives on hold—while the “reset button” is activated on the incredible shrinking Obama Presidency.

Henceforth, the President will be forgoing the stage-managed town hall meetings and media appearances, in favor of well-scripted speeches, the Administration sources report.

LBJ’s Vietnam Redux

If the President’s well-scripted speech on Aug. 17, before the annual convention of the Veterans of Foreign Wars (VFW) in Phoenix, Ariz., is any indication of the new White House campaign strategy, then things are going to get far worse. Addressing an audience of 5,500 veterans and family members, Obama signaled that the United States is about to plunge even deeper into the war in Afghanistan. The President called the war “fundamental to the defense of our people,” telling the veterans that, “The insurgency in Afghanistan didn’t happen overnight. And we won’t defeat it overnight. This will not be quick. This will not be easy. But we must never forget, this is not a war of choice. This is a war of necessity.” Sounding a favorite theme of former Vice President Dick Cheney, and, in a mocking parody of President John F. Kennedy’s announcement of the manned Moon landing objective, the President concluded, “Those who attacked America on 9/11 are plotting to do so again.” It is that British puppet, President Obama, who is doing this to us, on British imperial orders.

The President’s VFW speech anticipated the long-awaited Afghanistan War review by the new U.S. commander, Gen. Stanley McChrystal, which is due any day now. News leaks indicate that McChrystal will ask the President to send 20,000 additional troops to Afghanistan, right away, as part of a “new” counterinsurgency strategy, aimed at defeating the Taliban and al-Qaeda in the field of battle, while securing the Afghan countryside, village-by-village.

If this “new” strategy sounds remarkably similar to the U.S. plunge, deeper and deeper into the quagmire in Indochina, following the assassination of President Kennedy, it is because it is a near-perfect replay of that Lyndon Johnson Vietnam disaster.

If the President, as anticipated, goes along with the Afghan troop “surge,” the revolt of the American

people, triggered by the bailout of bankrupt banks, the foreclosures, the job losses, and the health-care swindle, will be the real surge.

‘Over His Dead Body’

A senior Democratic Party strategist warned this week, in discussions with *EIR*, about another looming White House miscalculation. With the death of Sen. Edward Kennedy, White House strategists plan to try to revive their euthanasia policy, by invoking the late Senator’s name. While such a transparent “bait-and-switch” manipulation may win a few votes in the Senate, where Kennedy championed genuine health-care reform for decades, such efforts will have no impact whatsoever on the American people, who are in no mood to be flim-flammed by a President they no longer trust, and by a Congress they despise.

“The single biggest factor that killed ‘Obamacare’ is the end of life provisions—from the Medicare-funded counseling, to the planned cuts in vital life-prolonging care for the elderly,” the source emphasized. “Every poll shows that it is this issue that defeated the President’s scheme, and the White House has the same polling data as every other leading Democrat and Republican.

“They can’t admit it publicly, because it means that LaRouche won the fight. The vast majority of Americans are convinced that the White House policy is to cut off care—that is, euthanasia.”

LaRouche’s Alternative

On July 16, President Barack Obama called for anyone who might have an alternative to his (Hitlerian) health-care reform, to come forward. On July 17, the following day, Lyndon LaRouche produced a video, posted on the LaRouche PAC website (<http://larouchepac.com/lpactv>), and outlined his three-point program:

1. Abolish the Health Maintenance Organization (HMO) system;
2. Revive the principles and implementation of the 1946 Hill-Burton Act;
3. Implement the Single-Payer plan (Medicare for all), as the key means of financing adequate health care for all.

Mars: The Next Fifty Years

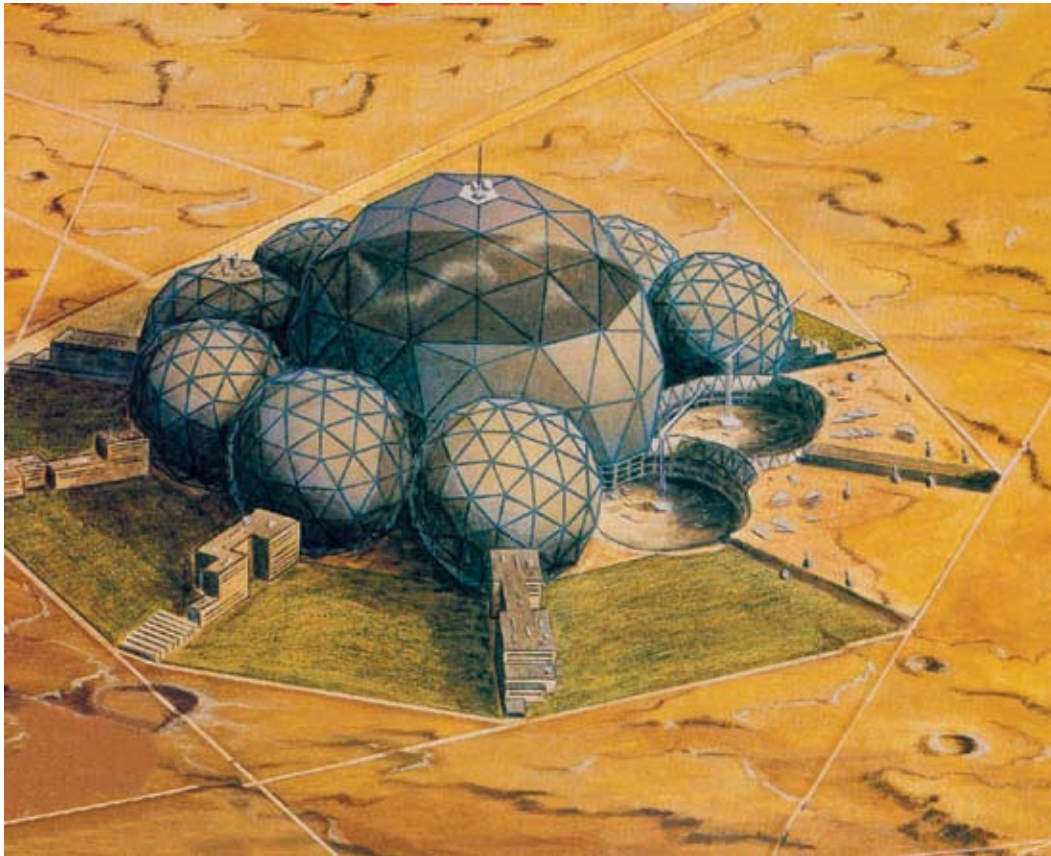
by Marsha Freeman

KEPLEROPOLIS, July 20, 2059—Today is a day of joyous celebration on Mars. As the citizens of Kepleropolis look back 90 years, to commemorate the historic first steps of human explorers on the Moon, their eyes are fixed on the imminent launch of their newest spacecraft, Kepler II. This will be the first craft to use the revolutionary new, and still-experimental, anti-matter propulsion system. If successful, the spacecraft will reach neighboring stars, comfortably within the lifespan of the scientists who are anxiously awaiting the discovery of new worlds. There is great excitement that Kepler II will open up the universe to mankind, just as 90 years ago, Apollo opened up the Solar System.

While Kepler II will not be carrying a human crew, its mission is to visit Earth-like planets orbiting distant stars, once thought to be impossible to reach in a human lifetime. Over its five-year mission, its predecessor, Kepler I, launched into Earth orbit in March 2009, had identified hundreds of target solar systems to explore. Johannes Kepler (1571-1630), who determined the laws of our Solar System, would undoubtedly be pleased that our scientific instruments will soon be looking for planets around other stars.

While everyone in Kepleropolis is anxiously awaiting today's Kepler II launch, pausing to follow the minute-to-minute progress of the launch preparations on large screens placed throughout the city, researchers working in the Advanced Propulsion Laboratory are especially anxious.

The revolutionary new anti-matter propulsion drive that will take Kepler II to the stars began its development more than 20 years ago on Earth. But it was brought to realization by a scientific team working in the Lab in Kepleropolis. Now it was time see if the system could deliver.



Christopher Sloan

Kepleropolis, the city on Mars. The center hub is the scientific, cultural, and educational focus of the city, with museums, universities, laboratories, theaters, and other cultural centers. In the next ring are the residential areas; and beyond, industrial and agricultural facilities. In 2059, there are nearly a half million residents on Mars.

Just as those who came before them nervously watched the first satellite launch, in 1957; the first manned mission, in 1961; the first human footsteps on the Moon, in 1969; and the first manned landing on Mars, in 2048, these young pioneers paced back and forth, waiting for lift-off.

Finally, the moment arrived, chosen to coincide exactly with Neil Armstrong's first step onto the Lunar surface, now almost a century earlier. The booster engines ignited, and Kepler II was easily carried aloft. Once in Mars orbit, the anti-matter drive sprang to life. Kepler II was on its way to discover new Earths.

Very few people living on Mars today were alive when Neil Armstrong spoke those first words from the surface of the Moon. But no one here can forget on whose shoulders he stands. However, what *is* very difficult for citizens of Kepleropolis to understand, especially those who did not witness or participate in the Second American Revolution of 2010, is how it was that so many decades could have been wasted.

For years after the abrupt end of the Apollo Program in 1972, space enthusiasts would lament that it would

take a crisis, like that faced by President John F. Kennedy in 1961, to goad an administration in Washington to make the commitment needed for a visionary, multi-decade program to move human civilization into space. That crisis came in the Fall of 2009.

Perception finally caught up with reality. The global financial house of cards, based not on any physical economy, but on criminal enterprise, speculation, and outright stealing, in order to "make money," finally collapsed. Commerce, production, and life itself came to a standstill. Here was the opportunity to start over, sweep away decades of pessimism and failed policies, and return to the principles which today, on Mars, seem like common sense. The revolution began by "exorcising" the worship of money.

Starting Over

A series of global, credit-based international exchange-rate and trade agreements was quickly concluded, reflecting back to the policies of U.S. President Franklin Roosevelt, and initiated by economist Lyndon LaRouche, who had proposed a four-power agreement

Even though astronauts spent hours per day exercising while in orbit, they still experienced musculoskeletal deconditioning in microgravity. The effects were not always fully reversible, once back on Earth. Here, U.S. astronaut, Shannon Lucid, is exercising on a treadmill during her record-setting 188-day on the Russian Mir space station, in 1996.



NASA

among the U.S., Russia, China, and India. Through this arrangement, each nation could contribute to the restart of the overall global economy.

One immediate task was turning what could have been an ugly, violent mob-reaction to the collapse, and descent into a New Dark Age, into a renewal of the letter and spirit of the first American Revolution.

Great projects of infrastructure building got underway on Earth, in the footsteps of the first U.S. Treasury Secretary, Alexander Hamilton, who had designed and implemented the credit policies that built the economic infrastructure of a young United States. The first task in 2010, was the rebuilding of a planet devastated by disease, starvation, and war, and to reverse the decades of accumulated physical decay.

But as space visionaries insisted at that critical moment, only a multi-generational great project could challenge and mobilize the long-dormant creative resources of the human mind. The scientific discoveries of such a project would unleash the next revolutionary generations of technology, and drive economic growth on Earth.

The politicians reluctantly came to agree. And so, in that spirit, the project to build a science city on Mars came into focus. The cultural pessimism that had taken hold in the late 1960s, and kept its grip on much of the world's population for 50 years, began to disappear.

In fact, the natural optimism of humanity had not

been extinguished during the dark decades of economic decline, only submerged. With the focus now on the future, socially anomic video games, "reality" television, fixations on sex, violence, and "competitive" sports, and a "culture" of death had no place. Mankind would, once again, find its true nature, in the process of discovering the secrets of the universe. The question posed to every citizen of the world was: What can you contribute to the future of mankind?

And so it was decided, in early 2010, by nearly all of the nations of the world, that through a coordinated effort, enlisting the necessary talents of all of mankind, within 50 years, human civilization would move to Mars.

Living on Mars

From the start, moving humanity to Mars had as its central purpose the ability to acquire a greater understanding of the universe, by creating a multi-planet home for humanity. For this reason, scientists explained, there could be no thought of trying to "save money," by setting up an outpost, or an Antarctica-like base-camp on the Red Planet. A science city was designed, with a sufficiently large population, which is now approaching half a million, to support not only the scientific staff and facilities of Kepleropolis, but, eventually, to create an independent new world, as the jumping-off point for developing the further reaches of the Solar System.

Scientists and engineers were optimistic that they

could solve the technical challenges to get man to the outer planets. But medical professionals were not convinced that men and women could safely *live* there. They were unsure of how the human body would adjust to the one-sixth gravity of the Moon, or, later, the one-third gravity of Mars.

Would colonists be able to return to the 1-gravity environment of Earth? they asked. They knew, through previous studies in microgravity, that after six months in weightless Earth orbit, some crew members had lost up to 30% of their bone mass. Even after two years of recuperative therapy on Earth, some space travelers did not recover completely. Would the same debilitation face residents living in the fractional Earth-gravity on the Moon and on Mars? Would they leave Earth, unable to return? These questions had to be answered, before more than a few brave souls would volunteer to go.

In order to find answers, research on the Space Station, to determine the physiological effects of partial-Earth gravity, was, therefore, greatly accelerated in 2012. Two years earlier, the European and Japanese space agencies had decided to deploy, as quickly as possible, a centrifuge to the Station. The centrifugal force created through the rotation of the centrifuge would mimic variable gravity levels, depending upon the rate of rotation.

There had been much hand-wringing years earlier, when NASA cancelled the Japanese-built centrifuge that had been developed for the Space Station. Subsequently, a crash program was undertaken, and a small, yet capable centrifuge was doing partial-gravity tests by 2012.

Medical professionals had observed, through data collected on the 1970s U.S. Skylab station, the Russian Mir station in the 1990s, and the International Space Station (ISS) in the early 21st Century, that some physiological changes, such as the loss of bone mass, appeared to be continuous, throughout a stay in microgravity, while other changes reached a plateau. But would this be the case in the partial gravity environments of planets?

Centrifuge studies on the Space Station, from 2012 on, indicated that the one-sixth gravity of the Moon did not reach the threshold of load on the musculoskeletal system, in particular, to prevent deterioration.

However, from carefully studying films of the Apollo astronauts cavorting on the surface of the Moon, medical specialists determined that when the weight of the 200-pound space suit was added to the weight of the



NASA

As an Apollo 15 astronaut descends from the Lunar Module to the surface of the Moon in the Summer of 1971, his 200-pound life support backpack clearly is visible. Although the added weight has been found to counter some of the effects of the Moon's only 1/6 Earth's gravity, scientists found there is still a need for some reconditioning, before return to Earth.

astronaut, the gravitational load on the skeletal system could prevent serious bone loss.

But for those who were not outside the spacecraft, some reconditioning was necessary, after long stays on the Moon, if the Lunar inhabitant wished to return to Earth.

For decades, scientists had worked within their different medical specialties to find preventive and palliative measures to combat each one of the body's adjustments to microgravity. But this approach left the traveler ingesting a pharmacy-worth of drugs, sometimes with counteracting effects, and spending many boring hours on treadmills.

Then, about 20 years ago, it dawned on the engineers who were developing new exercise equipment, that before returning to Earth, orbital and Lunar citizens could combat just about *all* of the debilitating effects *at once*, by simply spending time in a variable-gravity Lunar centrifuge!

Scientists followed their lead. They reported the re-

sults of their experiments, carried out at the Gauss University Laboratory for Advancing Human Health on the Moon, to an interplanetary teleconference of medical specialists in mid-2041. They had found that over a period of weeks, by incrementally raising the gravitational load on the body in a centrifuge, through relatively short doses throughout the day, immune system reactivity, bone and muscle strength, heart function, and other physiological systems gradually approached a level comparable to that on Earth.

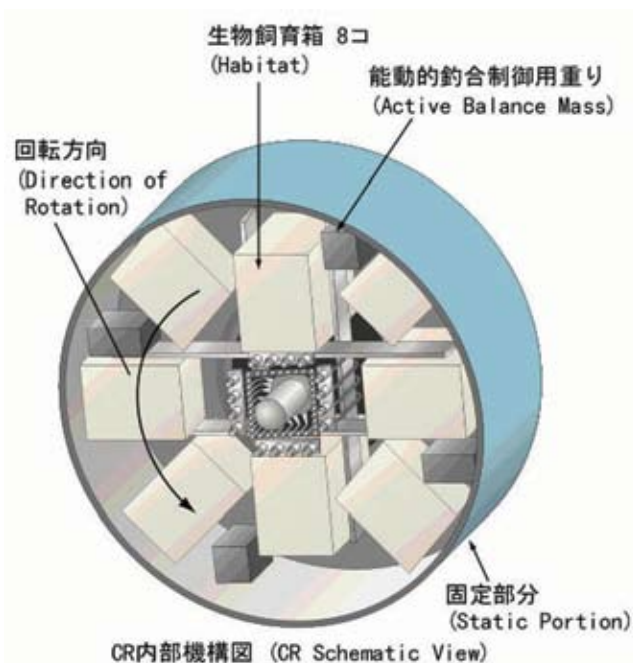
Happily, follow-on partial-g studies, in centrifuges on the Space Station and on the Moon, revealed that, in all but the most intractable cases, such as bone thinning and calcium loss, the one-third gravity of Mars was *above* the threshold for most physiological changes. As mission planners, back to the 1950s, had hoped, extended stays on Mars would create no “show-stoppers” for a return to Earth. But, as a precaution, still today, travelers planning a vacation or a business trip to Earth, spend a couple of weeks in short, periodic sessions in the variable-g centrifuge, for a 1-gravity “tune up,” under the guidance of the Kepleropolis medical staff.

Multi-Planet Families

However, there is one adaptation problem still under intensive study in the Life Sciences Laboratory in Kepleropolis. It has been observed that children born and raised on Mars do exhibit physiological changes (they are taller), but apparently do not develop the capacity to withstand an Earth-equivalent gravity load. The skeletal system, which develops on Earth under weight-bearing gravitational stress during childhood, has diminished load capacity on Mars. Although some palliative measures are being tested, none has proved to be satisfactory. So, for now, multi-planet family reunions take place on gravitationally “neutral” ground, such as in Lunar or Mars orbit.

All of these experimental results have, of course, been shared with colleagues on Earth. In late 2018, after new laboratory modules, more advanced equipment, nuclear power supplies, and six additional crew members had been added to the ISS, a proposal that had been made in the 1960s by space visionary Krafft Ehrlicke, came to fruition.

It had occurred to Ehrlicke that the adaptation to microgravity which was detrimental to the health of Earth-returning crew members, could be *therapeutic* to whole groups of people, for whom Earth’s 1-gravity was a



Japanese Aerospace and Exploration Agency

This Japanese centrifuge design was planned for the International Space Station. The habitats are small modules designed to hold seeds, plants, microbes, or small animals. Depending upon the speed of rotation of the centrifuge, partial gravity at the level found on the Moon and Mars can be simulated.

burden. This included those suffering from circulatory ailments, where the removal of gravity could lessen the workload for the heart.

Spinal extension, or a stretching out, seen in microgravity (crew members tend to “grow” an inch or two in space), when gravity-induced compression is removed, could relieve the pain of pinched nerves, and chronic bone conditions, Ehrlicke reasoned. And so, the Earth-orbital Michael DeBakey Memorial Hospital was built, with a complete physical therapy wing, along with a dispensary and clinic to treat on-orbit sickness and injuries from accidents. Similar facilities were replicated in Lunar orbit.

Life in microgravity meant that many of the physical infirmities of old age were no more. The Earth-orbital population grew by leaps and bounds, as seniors moved out of nursing homes on Earth (which, in any case, had become more like hospices, where people were sent to die), and took up residence where they could live comfortably and work productively, while looking down at their home planet, from 250 miles up.

But there was one very serious and potentially life-threatening biological hazard in space that was not so



Courtesy of Krafft Ehrlicke

Space visionary Krafft Ehrlicke proposed that the disabling effects of adaptation to microgravity could be therapeutic for people on Earth. In this photo, taken in the CBS-TV studio in September 1966, he is explaining to journalist Walter Cronkite how an orbital hospital could be designed.

easily resolved: exposure to radiation.

In low-Earth orbit, the Van Allen belts deflect harmful radiation, protecting crews. And on planetary bodies, there is no lack of material to shield people, plants, and animals from the constant bombardment of cosmic rays and solar particles and radiation. The first extraterrestrial living quarters were simply covered with Lunar and Martian soil. More recently, new materials have been developed to blanket the cities, which can filter out damaging rays, while letting in natural light.

But what about the radiation that crew members would be exposed to during the trip to Mars, navigating through up to 50 million miles of radiation-soaked interplanetary space? Medical professionals had fretted over this danger for decades. Technologists had spent long, tedious hours in laboratories, trying to figure out how to put radiation shielding around a spaceship to protect the crew.

The solution, however, was much simpler: avoid exposing the travelers to dangerous doses of cosmic radiation, by getting to Mars as quickly as possible.

Getting to Mars

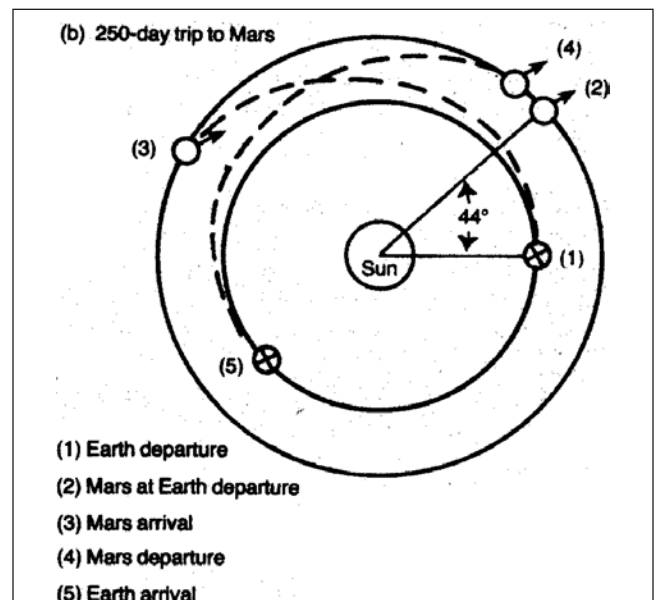
Today, families of vehicles navigate the ocean of interplanetary space around the clock, traveling between the Earth, the Moon, and Mars. Only a few miles from

downtown Kepleropolis is the Interplanetary Space Launch Center. The space port is responsible for coordinating the vehicles arriving and departing the Red Planet, similar to the function of a busy airport on the Earth.

Once a month, for example, a spacecraft arrives from the vicinity of the Earth or the Moon, delivering astronomers who will carry out studies of the universe from the unique vantage point provided by the Mars-orbital radio and optical telescopes. There are frequent exchanges of scientists, who study the anomalies among the astronomical observations made from different vantage points, near the Earth, the Moon, and Mars. Of course, there are also business trips, and recreational and family visits.

What made this routine personal contact between the planets possible? It was changing the relative relationship between space and time. Conventional rockets

bring people to Earth-orbit in eight minutes, and to the Moon in two days. Extend that technology to Mars, and



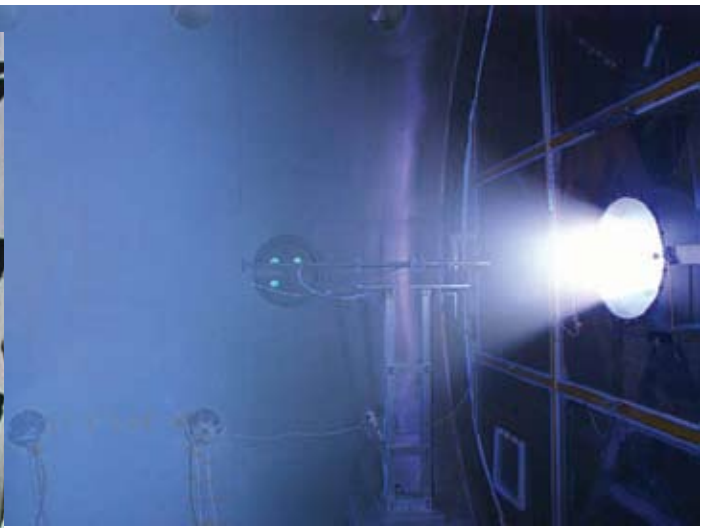
Fusion magazine

In 1925, Walter Hohmann designed the minimum energy transfer orbits show here. The crew starts out when Earth (1) is 44° ahead of Mars (2), and intersects Mars in its orbit (3), having traveled about 250 days. After spending more than a year on Mars, the craft leaves Mars orbit (4) and arrives back on Earth, another 250 days later, at point (5).



NASA

Astronaut and plasma physicist Franklin Chang-Diaz is seen here during flight STS-46, aboard orbiter Atlantis, in August 1992.



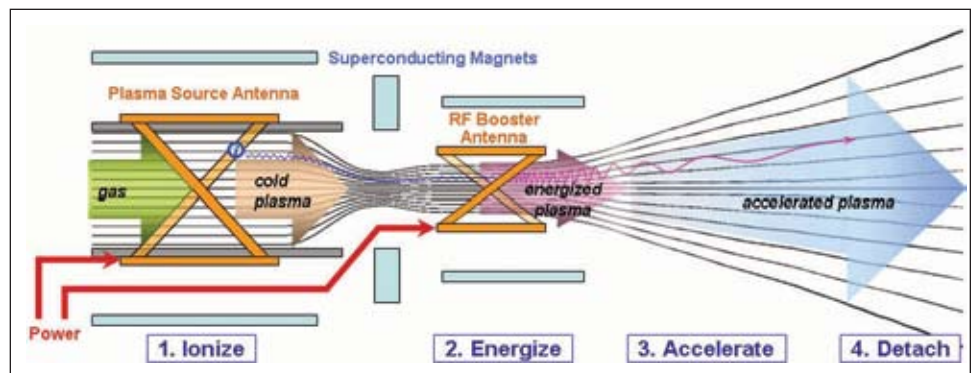
Ad Astra Rocket Company

This image is from a video of a laboratory test in July 2009, of the first stage of the VASIMR plasma rocket. That stage heats a gas to over 10,000°, creating a plasma. Chang-Diaz plans to test a small VASIMR engine on the Space Station in the next few years.

The VASIMR rocket is made up of three principal stages:

1. a gas is ionized; 2. the plasma is energized and accelerated; and 3. the plasma is detached from the rocket by a magnetic nozzle.

The nozzle directs the exhaust, to produce thrust.



Ad Astra Rocket Company

the trip could take seven or more months. But today, to traverse the tens of millions of miles to Mars, takes the same time as it does to go to the Moon! (See: <http://larouchepac.com/files/onehohmanntwoaccelerating.flv>.)

The development of a fusion-powered plasma rocket has reduced the travel time between Earth and Mars to less than a week. No longer would doctors have to worry about subjecting crews to weeks, or months, of damaging radiation, or the debilitating effects of weightlessness.

The creation of the fusion rocket can be largely credited to the talent and perseverance of Dr. Franklin Chang-Diaz. A former astronaut and plasma physicist, Chang-Diaz was convinced, from the time he was a researcher at MIT in 1979, that the only way to go to Mars was to go beyond the chemical rocket propulsion technology that had been used for 50 years. Mars travel re-

quired something in an entirely new physical regime—a plasma rocket that could one day be powered by fusion energy.

Chang-Diaz established the Advanced Space Propulsion Laboratory at the Johnson Space Center in Houston, in 1993, and started on what became a multi-decade quest to develop the technology mankind would need to go to the planets. Scientists pooh-pooed the project. “Everyone knows fusion power is impossible,” some muttered. “And even if it weren’t, you will never design a rocket that can use it.”

The team that Franklin Chang-Diaz assembled, including his younger brother in Costa Rica, spent 30 years finding a solution to the challenge of designing a system that could withstand the temperature, in the millions of degrees, of a fusion plasma, and transform it into propulsive thrust for a rocket.

Why Fusion?

When it comes to rocket propulsion, the hotter, the better. The efficiency of the rocket engine increases, as the temperature and velocity of the propellant pushed out the rear increases. And the energy produced by the fusing of light ions is orders of magnitude higher than that of any other energy source that has so far been developed.

For comparison, the temperature of the propellant expelled by the 1980s Space Shuttle's main engine, from the chemical combustion of hydrogen and oxygen, was about 14,000° Centigrade. At that temperature, the exhaust velocity is about 4,500 meters per second. The fusion-powered plasma, in the millions of degrees, is about 60 times more efficient, as the plasma particles can move at velocities of 300,000 meters per second.

Chang-Diaz designed the VASIMR, for Variable Specific Impulse Magnetoplasma Rocket. The concept was based on the use of a plasma, or high-temperature electrically charged gas, instead of the burning of chemical fuels. The first-generation engine consisted of three cells, or stages.

In the first stage, a gas, such as hydrogen, is turned into a plasma, by heating it to more than 10,000°. At that point, the electrons are stripped away from the atoms.

In the second stage, the plasma gas is heated to the desired temperature, using electromagnetic radio waves. The third stage—the most challenging—is to coax the plasma out of the rocket engine, to create a plasma exhaust, and rocket thrust. To do this, VASIMR takes advantage of the fact that the electrically conducting plasma can be directed by magnetic fields. A unique magnetic nozzle was developed, to direct the flow of the hot plasma out of the engine, without touching the sides of the nozzle.

What makes this engine “variable”? The amount of thrust produced can be changed by varying the amount, and weight, of the gas that is being expelled, as well as the strength of the magnetic field which directs the plasma. At the start of an interplanetary trip, more, or heavier propellant will be used, to give the spaceship the thrust it needs to start on its journey, and pick up speed.

Once the appropriate speed is reached, the engine can be “throttled back” to lower thrust levels. This is done by reducing the mass of the plasma exhaust, while increasing the velocity of the exhaust particles. The higher exhaust velocity is the most fuel-efficient oper-

ating mode. By “tuning” the fusion-powered ship, its acceleration is variable.

This capability turned out to be critical, when, six years ago, a ship that suffered a serious mechanical breakdown mid-way to Mars, had to abort the mission and quickly return to Earth.

As the crew approaches the half-way mark, the spacecraft will start its *deceleration*, so it can approach the orbit of Mars, and dock with one of the Mars-orbital space stations. From there, small shuttle vehicles easily transport the passengers to the surface of the planet.

VASIMR was the first engine designed to be able to efficiently move either people or freight. For the human trips to Mars, clearly, time was of the essence, so, for human transport, the VASIMR engine was energized with fusion power, and operated to optimize speed.

But to build Kepleropolis, thousands of tons of equipment, life-support systems, and structural materials taken largely from the Moon, but also from Earth, had to be transported to Mars. In this case, it was not speed, but cargo-capacity that was optimized.

Dr. Chang-Diaz began his laboratory ground testing years before fusion energy was available. The first stage of the experimental rocket engine, and of the second-stage radio frequency plasma heating, were successfully tested during the Summer of 2009 (see: <http://www.onorbit.com/node/1276>). In 2012, a first flight version of the VASIMR was ready to be tested in space, on the Space Station. The test engine used the Station's electrical supply for the kilowatts of power needed to heat the plasma. The small thrust produced was even used to boost the Station into a slightly higher orbit.

Parallel to the development of the plasma rocket technology, there was a crash effort to develop a multi-megawatt space nuclear fission plant. This technology had shown great promise decades earlier, but had been abandoned in the early 1970s, in the United States, when there was no plan to go to Mars, and in the early 1990s in Russia, after the collapse of the Soviet Union.

In 2030, a revolutionary 200 MW nuclear-powered VASIMR rocket got its first test run in Earth orbit. The nuclear energy source used was an improved version of the Russian Topaz reactor from the 1990s. Just four years later, nuclear-propelled cargo ships were making regular runs between the orbits of the Earth and the Moon. Not long after that, ships were delivering cargo from the Moon's orbit, to that of Mars—in only 39 days. Interplanetary commerce had become a reality.



University of Queensland

The Australian University of Queensland Hypersonics Initiative has produced impressive results testing engines that reach speeds of more than five times the speed of sound. This June 2007 Hy-CAUSE test was a collaborative effort, with the U.S. Department of Defense.

A Worldwide Effort

Dr. Chang-Diaz's VASIMR plasma rocket was, by no means, the only fusion design tested, nor is it the only one flying today. A broad-scale research and development program was restarted in 2010, to apply fusion to power space travel. A major contribution to the international fusion effort came from the stunning results China and South Korea had already achieved.

Every nation was called upon to contribute to space transportation infrastructure. For instance, Australia, where a band of young university enthusiasts had taken the lead, in the early 21st Century, in hypersonic engine testing, developed a family of transatmospheric vehicles, that could efficiently carry passengers in a scram-

jet-powered airplane-like vehicle, from the surface of the Earth, to low-Earth orbit. This development also brought to fruition a dream that went back as far as the space program itself—the ability to travel between the farthest points on Earth in a couple of hours, rather than the better part of a day.

Brazil, fortunate enough to be located at the Equator (the closer to the Equator, the less energy needed to launch into orbit), inaugurated its Alcantara launch facility in 2011, and is now a major interplanetary space port, especially servicing vehicles produced by nations in the Southern Hemisphere.

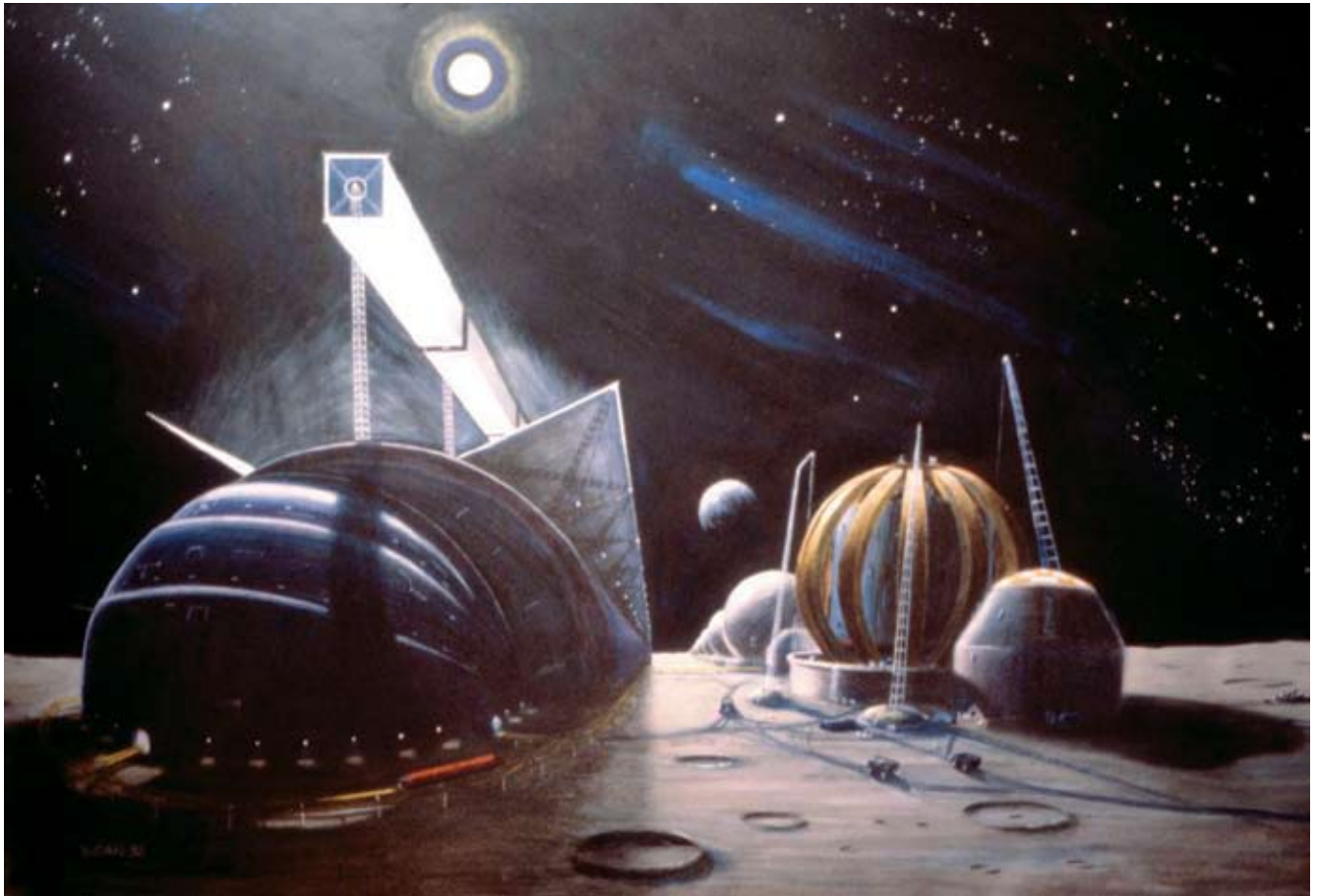
Japan and Europe took up the task, along with Russia, of building unmanned spacecraft to bring cargo to the variety of Earth-orbiting space stations, satellites, Lunar space vehicle assembly, repair and check-out garages, and other infrastructure. These nations, plus China and India, by 2017, had also deployed fleets of manned vehicles, to shuttle crew members from Earth to orbit.

While chemical-fueled vehicles still have their place—in lifting large payloads into low-Earth orbit—from there, and through interplanetary space, fission and fusion power are the baseline transport systems today.

It goes without saying that meeting the challenges of developing nuclear and fusion systems that could be flown in space, made revolutionary new energy technologies available on Earth. In 2010, when the world's dying economy started to come back to life, an immediate crisis to be faced, was the lack of adequate supplies of power. It seems beyond belief today, but then, nearly *one-third* of the Earth's people did not even have access to electricity.

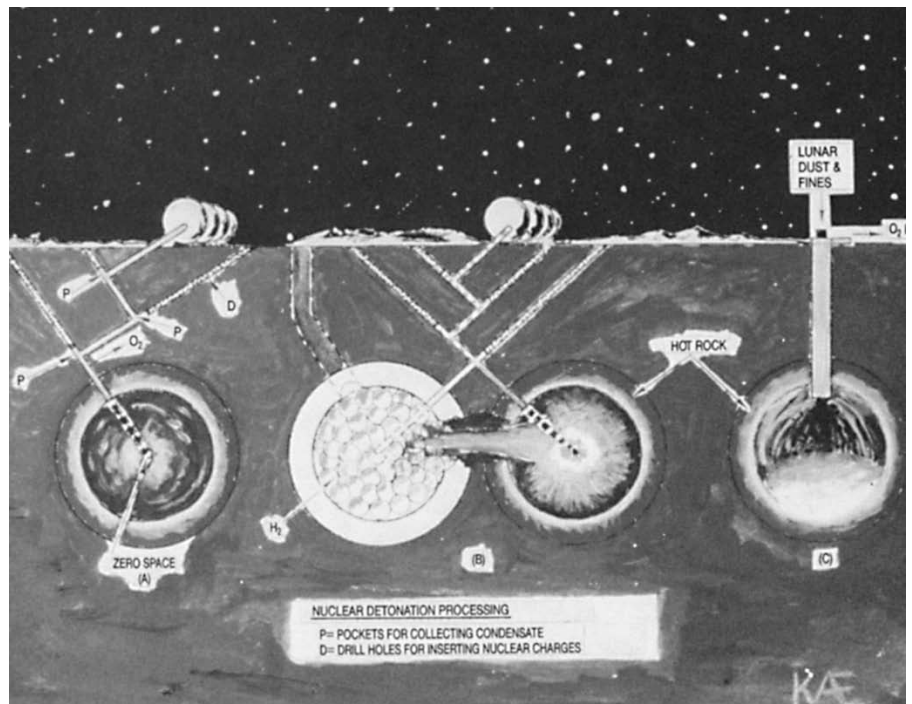
Faced with the reality of this crisis, virtually overnight, the silly notions that diffuse solar energy, or that burning the Earth's food supply (i.e., "biofuels") could remedy the world's energy crisis, were pushed aside. Energy flux density, the amount of power that flows past a given surface in a fixed amount of time—which the American economist LaRouche had developed as the measure of efficient power back in the 1970s—was the only criterion applied to choosing power sources.

Since the 2020s, energy has not been a constraint on Earth. Abundant nuclear power transformed not only the standard of living of all Earth's inhabitants, it created new supplies of the freshwater that nourishes life itself, an array of new medical applications, energy to power the all-electric transportation systems that have



Christopher Sloan

Selenopolis, Krafft Ehrlicke's city on the Moon, seen here in an artist's depiction, is the first triumph of human creativity and imagination in the colonization of space. The city, housing thousands, is powered by fusion reactors, seen under construction on the right. Although Selenopolis is covered with lunar soil, to provide shielding against radiation, a series of mirrors brings natural sunlight in to the city. A monorail system, seen on the outer rim of the city, connects it to mining and manufacturing sites on other parts of the Moon. Ehrlicke proposed a detailed series of technologies to be used for the industrial development of the Moon. In this diagram of lunar materials processing, three techniques are illustrated for the underground mining and extraction of lunar materials, using small nuclear detonations.



Fusion Magazine



Courtesy of Krafft Ehricke

Winter in Selenopolis: While some residents of the city on the Moon enjoy ice skating and other Winter sports, others visit the Hall of Astronauts Museum, on the left. The city replicates various climates and seasons on Earth, making the Selenarians feel right at home.

replaced the primitive and wasteful use of finite supplies of fossil fuels, and enabled the industrial development of the Moon.

Krafft Ehricke's Plans Revived

None of what has been accomplished on Mars over these past 50 years, would have been possible if not for the pioneers who took on the challenge of living on the Moon. For all of the discussion and disagreements 50 years ago, as to whether it were necessary to live on the Moon before going to Mars, no one today questions the wisdom of the decision to take that route.

In fact, the conditions on the Moon are more severe, and un-Earth-like, than on Mars. By tackling the Moon first, later, when it became possible to safely go to Mars,

the technologies that were needed to live there, had already been largely developed and tested—some had failed and been improved—and were proven. The Lunar test-bed did not just make Mars colonization easier; it made it possible.

At the start of the global Mars colonization program, in 2100, no one had ever lived on the Moon for more than a few days, and even that had been 40 years earlier, during the Apollo Program. Those first Lunar explorers had carried with them everything they needed. They were limited by that era's rocket technology to exploring only the near-equatorial regions of the Moon, and the near side of the Moon, which always faces the Earth. To live on the Moon for months, if not years, required an entirely new approach.

For guidance, and in order to avoid wasting any more time than had already been frittered away, the exquisitely detailed Lunar industrialization plans of the visionary Krafft Ehrlicke were picked from the bookshelves and dusted off.

Highly energy-dense nuclear technologies, Ehrlicke explained, would hold the key to living in a place without an atmosphere, virtually without water, with a two-week night, with intense radiation, and wide temperature extremes. On Earth, a productive standard of living in 2010 required a per capita consumption of tens of kilowatts of electrical energy. On the Moon, megawatts per capita were required. For Mars, considering also the transport requirements, electricity consumption today is approaching the terawatt (1 trillion watts) range.

In the early 2020s, multi-megawatt nuclear fission reactors were robotically placed on the surface to provide the power for the first tens of arriving Lunar settlers. A decade later, multi-gigawatt nuclear power stations gave life to the beginnings of a Lunar city.

As the first Lunar settlement grew, industrial manufacturing followed. Underground caverns, charged with nuclear, and later, fusion explosives, separated and concentrated Lunar raw materials. Manufacturing plants outfitted with laser, electron-beam, and other directed-energy power sources shaped the structural materials into usable form. Construction sites were established to build the grand city of Selenopolis.

As Lunar industrial processing expanded, less and less semi- and finished product needed to be imported from Earth. In fact, by 2037, the flow of commerce had reversed direction.

Before Selenopolis could reach its full economic potential, fusion power was required. And the Moon itself would be key. The most efficient fuel for fusion energy—on Earth, the Moon, Mars, or in rockets—is the fusing of the deuterium isotope of hydrogen, and the helium-3 isotope. On Earth, little helium-3 remains, from deposits by the solar wind. But on the airless, weatherless Moon, there is a treasure trove of this rare and precious material, on and near the surface.

Intensive orbital studies of Lunar minerals over the 2010s, indicated regions of *relatively* higher helium-3 concentration. Immediately, the two nations of the world with the most extensive experience in mining in extremely cold climates—Canada and Russia—began a joint R&D program to develop the tools that would

be effective in mining helium-3 on the Moon.

As progress on developing Dr. Chang-Diaz's plasma rocket for Mars continued, nuclear-powered freighters began making deliveries of Lunar helium-3 to fuel the fusion reactors on Earth. Later, that fuel would be needed for the fusion rockets. In fact, it turned out that the Moon, with its near total vacuum, was an ideal place for plasma-rocket engine testing, since the environment was a good analogue for what ships would encounter in interplanetary space. Happily, Dr. Chang-Diaz was still nimble enough, at the age of 79, to make the Lunar excursion in 2029, and supervise these decisive tests.

The crowning accomplishment of the Lunar program, was the establishment of Selenopolis. This first extraterrestrial home for mankind was actually not all that strange and unfamiliar to the immigrants from Earth. The city was divided into different regions, mirroring the variety of climates on Earth, with urban, rural, agricultural, industrial, and resort areas. There are museums, Gauss University, and the Jules Verne Theater, where in stunning clarity, Selenarians gather to watch the unfolding of human civilization on Mars.

On the Moon, mankind learned how to “live off the land,” processing Lunar soil to extract oxygen, minerals, and materials, capturing water ice at the poles, and developing new resources that became the fulfillment of Krafft Ehrlicke's “Extraterrestrial Imperative.”

Mankind had established a multi-planet home. His world had become “three dimensional.” Here, the work of three generations had created the future, for so many more.

The Next 50 Years

Where do we go from here? Over the next 50 years, the focus of activity on Mars will change. Now that Kepleropolis is operational, and the construction phase is drawing to a close, it is the investigation of life which will become the major focus of scientific inquiry.

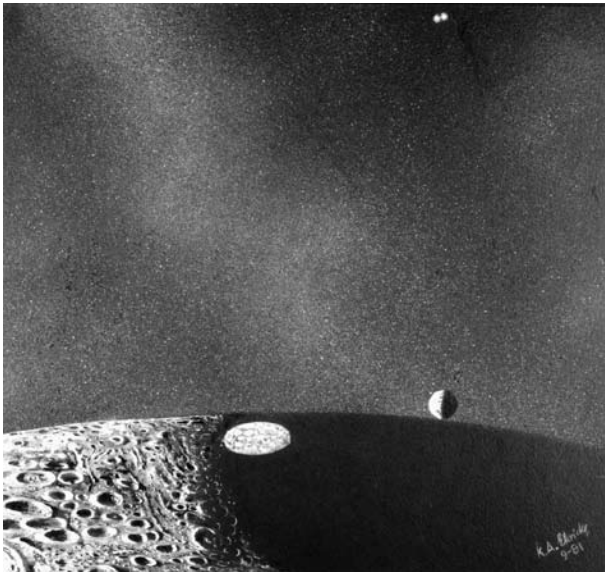
For centuries, scientists speculated about whether there ever was, or if there is, even today, life on Mars. Throughout the 2010s, increasingly more sophisticated robotic explorers were sent to try to find out. The results were all ambiguous.

Finally, the most challenging unmanned mission—an international sample return—was launched in 2024, and a few precious pounds of Martian soil and rocks came back to laboratories on Earth. Still, no definitive answer.



JPL/NASA

Before men are sent to Mars, in 2024, an international robotic mission will be deployed to return samples of rock and soil to be intensively examined in laboratories on Earth. In this artist's representation, an ascent vehicle is taking off from the Martian surface, to deliver its previous cargo. The rover, which collected the samples and delivered them to the vehicle, takes shelter behind a rock.



Courtesy of Krafft Ehrlicke

One of the technologies that is now being tested for terraforming Mars was first tested in the orbit of the Moon. In this painting, each of one of Krafft Ehrlicke's Lunettas is providing the equivalent to a full Moon, lighting the perpetually dark lunar pole. Larger orbiting mirrors can be used to raise the temperature of Mars.



NASA/Hubble Heritage Team

On June 26, 2001, the Hubble Space Telescope took this stunning photograph of Mars. The most Earth-like planet, Mars has carbon and water ice at the poles, water and carbon dioxide frozen in the soil, and indications it is still an active planet.



Carter Roberts, Eastbay Astronomical Society/NASA

The mission of Kepler I, launched in 2009, is to identify Earth-sized planets around other stars. This image shows the region of the Milky Way where the Kepler spacecraft is pointed. Each rectangle indicates a specific region of the sky covered by each Charged Couple Device element of the photometer.

With great agility, and the creativity that only man could bring to the task, finally, three years after the first Mars landing, scientists in the field made the stunning discovery of fossil remains of microorganisms that, at one time, lived on Mars.

The operative question now under intensive investigation, is whether there are niches that have somehow been protected from the cold, dry environment of today's Mars, where life may still exist.

Scientists have taken their cue from the extensive research on Earth, of life in extreme environments. They were shocked to find, in the last decade of the 20th Century, that life is, indeed, found in extreme temperatures, in high-radiation environments, and even in places where there is no light. On Mars, this work is being carried out with the necessary extreme care.

If scientists do find living organisms, one major question to examine, is whether that life originally came from Earth; or, whether life on Earth had migrated through interplanetary space, and originally came from Mars; or if life developed independently, on both planets. Today there are passionate adherents to each theory.

Whether or not it is found that life still exists on Mars, to make this planet truly a home for mankind, a process has been started that will create a "second Earth." Terraforming the Red Planet, as far as can be seen today, will be the work of centuries.

One is reminded of a story in the history books, that when Charles de Gaulle told a junior officer of a particular kind of tree he wanted to be planted outside his office, the officer objected, stating: "But General, that is a very slow-growing tree. It will take decades before it produces any shade." The General replied, "Then you had best get started right away!" Those living on Mars today will not be there to see it turned into a garden, but their great-great-great-grandchildren will be.

In the late 1920s, Hermann Oberth, the father of space flight, said that the purpose of space exploration was to "make all worlds habitable." That is the goal of the Second Earth project—to create a biosphere on Mars.

Over the years, scientists have put forward numerous approaches to terraforming Mars. But because this is an experiment that cannot, in any satisfactory way, be carried out anywhere else, but on Mars itself, it was decided that a number of approaches would be tried at the same time.

The first order of business, is to raise the temperature on the Red Planet, to liberate frozen water-ice, at the poles and in the permafrost, and gasify the frozen carbon dioxide, to thicken the atmosphere. This will begin a self-reinforcing "runaway" greenhouse effect (once so foolishly feared on Earth).

One of the pathfinder technologies, used in Lunar orbit over the past 20 years, is a set of reflective mirrors. These Solettas, or artificial suns, designed by Ehricke in the 1970s, from an original idea of Oberth, are directing light reflected from the Sun to illuminate perpetually shadowed, water-ice-rich polar regions of the Moon.

On Mars, engineers have determined that the first step, now underway, needed to transfer this technology, is the deployment of a modest-sized orbiting mirror, able to raise the temperature in a given area, by a few degrees. Eventually, once Solettas reach the terawatt level of power, this warming would activate the hydrosphere on Mars, liberating some of the frozen water. The size of the mirror, at a radius of 125 kilometers, required that it be manufactured entirely out of Martian material.

A second experimental approach now underway, is the "seeding" of the Martian atmosphere with halocarbons. These greenhouse gases will slowly raise the global atmospheric temperature and pressure on Mars, one day liberating explorers from the bulky spacesuits now donned for field work, requiring only scuba-type breathing gear. Once genetically-engineered plants can start living in the carbon-rich atmosphere, they will oxygenate the air, eventually making Mars habitable, without the need for special equipment.

We now know there was life on Mars before man arrived. How many other bodies in our Solar System were, or still are, abodes of life? This will be intensively studied, to the far reaches of the outer planets, over the next 50 years.

And starting today, the Kepler II spacecraft is on its way beyond our neighborhood of planets, to search for life on planets orbiting other stars.

Throughout human history there have always been naysayers and pessimists. The establishment of the city on Mars is just the most recent proof, that the human spirit can overcome any crisis: that by marshalling his unique creative abilities, man discovers the laws of the universe, and then shapes the universe to the betterment of all mankind.

HELGA ZEPP-LAROUCHE WEBCAST

U.S. Threat of Ungovernability: Will It Spread to Germany?

Helga Zepp-LaRouche is the candidate for Chancellor of the Civil Rights Solidarity Movement (BüSo), in Germany's Sept. 27 elections. She gave this webcast address, the second of her campaign, on Aug. 21. The video, which was translated from German, is archived at <http://bueso.de>. We include here a selection of her graphics, or illustrations similar to those she used. The moderator was Karsten Werner.

Werner: ... Before we come to the main remarks, we should consider how dramatically events have changed since our last webcast, [on July 21]. Helga Zepp-LaRouche said at the time that we were going into a period when people were going to experience things that they've never experienced before. In the meantime, there is an uprising among the U.S. population against their own President Obama. Even the German media are reporting on this, although they don't give the true reasons for it. This, and the dramatic collapse of the real economy, make it all the more necessary to open a public debate, including in Europe. I can't imagine anyone who would fit the bill as well as Mrs. Zepp-LaRouche, who has warned of this crisis for a very long time, and proposed solutions.

So, without any further ado, I'd like to welcome the BüSo President and Chancellor candidate, Helga Zepp-LaRouche.

Helga Zepp-LaRouche: Dear guests, in the audience and also our viewers over the Internet, as Karsten has already said, exactly one month ago, in my first webcast, I warned that, in the United States, we were headed towards a period of ungovernability, and that the world was nowhere near being out of the crisis, but that really dramatic storms should be expected. This time, I would like to concretize this. If we do not undertake radical changes in financial policy, immediately, within the next weeks, then, there is an acute danger that the entire international financial system, between now and October, is going to totally disintegrate.

The reason for this, is that on Oct. 1, the new fiscal year in the United States begins. That means that the accounts, the books, are going to be laid open, and the extent of U.S. insolvency will become totally clear—e.g., that 48 out of 50 states are de facto bankrupt. Despite many ideological illusions—because many people here think that if the United States collapses, Europe will be a kind of island that is separate from this reality—the fact is, that a collapse of the U.S., and of the dollar, would mean that no country would be spared from the consequences of the chaos which would ensue.

Deflation, Then Hyperinflation

Independently from this, you have deflation, and people are saying that prices are falling: "Isn't that



EIRNS/Helene Moeller

Helga Zepp-LaRouche addresses a BüSo campaign meeting in Dresden, Germany, Aug. 26, 2009.

great, prices have fallen by 7% in Germany; isn't that wonderful?" But this is only short-term, because shortly afterward, this deflation will be followed by an explosion of hyperinflation. That is a given, because the reason for the deflation is that the department stores and chains are dropping their prices dramatically, to ruin their competitors.

For example, in some food chains, milk prices are going down enormously. This has the unpleasant dark side, that farmers, who need 42 euro cents for a liter of milk to be able to cover costs, are only being paid 20 or 25 cents right now. It's clear that at a certain point, there will be no more cows, and there will be no more milk. That's in all sectors, because once the inventory of a company is sold out, and the wares are gone, people will start hoarding goods that are in shortage, and price speculation will explode.

The other aspect of this, is the enormous debt of the states, due to the bailouts of the banks' toxic waste. The United States has a budget deficit of \$13 trillion, but the

total public debt is \$56 trillion. And the danger is that, if the real economy continues to collapse, that money will create a hyperinflationary explosion. Even in Germany, it's being admitted that the worst is yet to come.

Some say that the bottom has already been hit, and we had 3% growth in the second quarter. But even the Federal Statistics Office said that this is very imprecise assessment, because you're not going to be able to have a real overview of the situation until four years from now! Hartmut Schauerte, who is the state secretary of the Economics Ministry, said that the most difficult phase is still before us, in the first and second quarters of 2010.

Other experts warn of a credit crunch throughout industry. Even Axel Weber, who is the head of the Bundesbank, warned of a second round of the financial crisis. The first round was brought about by the toxic waste, the so-called "structured financial products." This toxic waste is in the so-called "bad banks," or still on the books of the banks. The second phase is going to come from an increase of the insolvency of companies and private individuals.

Both warnings are interesting, because they show that some people are not going along with the line that everything is going to be fine. Yet, they also fall short of the reality. The U.S. collapse will prove that all the calculations in Europe are wrong.

Mass Strike in the United States

The really new factor in the strategic situation is the fact that, since Congress recessed in the United States, at the beginning of August, there has been an unprecedented revolt underway, and it is totally different from what is being described (or not described) in the media. The reality is, that the population is recognizing that what Obama says, and what that means in reality for people, are two different things.

In the European media, Obama is still being presented as wanting to give Federal public insurance to the 50 million people who now have no health insurance. But what does that mean, if, at the same time, overall health-care expenditures are supposed to be cut by 30%? And, in the meantime, even the idea of public insurance is off the agenda. The American population has awakened to what Obama's health-care reform will mean for them. A revolt is growing, as can be seen in the town hall meetings; even in this month of August, of Summer recess, you have Congressmen facing—in hundreds of town hall meetings—hundreds, sometimes

even 2,000, or even, in some cases, up to 3,000 citizens showing up! You have people standing outside when there are no seats left. I want to show you two examples, to demonstrate this incredible situation.

[*She shows video clips of town meetings with Sen. Arlen Specter (D-Pa.) and Rep. John Dingell (D-Mich.).*]

The Congressmen and Senators are confronted with a totally enraged population, which has understood that their very existence is on the line. Obama's popularity has collapsed, and the population has psychologically broken with the Administration and the Congress. It's a totally new situation. They have understood that the Administration, as well as the Congress, have failed in this crisis, and that the political leadership has to change, if they're going to survive.

What's at Stake in the Health-Care Debate

I'd like to give a couple of explanations of this, because there's a very important difference between what we've seen in Greece or in the Balkans, and what is now happening in the United States. The difference between the U.S. and Europe, is that in the United States, you had a successful American Revolution, where the population fought for the right to a Constitution, that guaranteed the "right to life, liberty, and the pursuit of happiness." And this idea, which was in their Declaration of Independence and the Preamble of the Constitution, is the recurrent theme in American history. It was represented by the first Treasury Secretary, Alexander Hamilton, by Abraham Lincoln, by Franklin Roosevelt.

The outcome of the current conflict will determine the destiny of Germany and Europe. What is really at stake in this struggle? The health-care reform of the Obama Administration is based on the model of the British health-care system, in particular, the so-called rationing board called NICE—but it's not nice at all. It stands for National Institute for Health and Clinical Excellence, and it basically determines which categories of patients are going to get medical treatment, and which are not.

This is the same as what happened in 1939 in Germany, with the so-called Tiergarten-4 laws, which determined that there were "lives unworthy to be lived," and medical care was denied to the elderly and the disabled.

You have something now called Quality Adjusted Life Years (QALY), which is the idea that certain lives

are not worthy of living. And that is the basis of the proposals of the Obama Administration, for the discussion about an IMAC—an Independent Medicare Advisory Council—an efficiency council of five experts who are answerable only to the President, who decide what treatments, medicines, and care will be available for elderly and disabled people. And one point that really brought people into a huge uproar, was this question of "end-of-life counseling." "When people reach a certain age, is it not better for them to sign up for their lives to be ended early?" That means a rationing of health care. It's important, therefore, to look at the U.S. and Britain, because the president of the German Medical Association, Prof. Jörg-Dietrich Hoppe, warned last May, at the German Medical Assembly in Mainz, that you already have, here in Germany, rationing of care, that should be openly debated before the elections.

Obama's plan was originally to push this legislation through, before the Summer recess, and this has already failed, because of the popular revolt.

This is significant for the situation in Germany, and, of course, for the election campaign here. Because, if the American population manages to resist this policy, which is supposed to save the banks' toxic waste, by having the taxpayer pay for it through austerity, then the German people can also do it.

The head of the police labor union, Konrad Freiberg, said: "We, the employees of the public, the civil servants, have to foot the bill for the formidable cost of the financial crisis, and the people who have caused the crisis get off scot-free. They even get money thrown at them! This is about social justice, and distributive justice."

Therefore, politicians have to come clean, before the election. But the illusion is kept up that everything will be fine—like on the *Titanic*, the music will play on till the end.

New figures have just come out showing that many communities in the United States are firing policemen, firemen, and prison guards, and services are being shut down. For example, you have prisoners being set free, because there's no money for their upkeep. You can imagine where this is going!

As I said, the reality in the U.S. is totally different from what the media are reporting, which is that the revolt is supposedly being organized by the Republican Party and the right wing, and paid for by the pharmaceuticals industry. In Spiegel Online, there was a video discussing a hate campaign against Obama. The Obama



Creative Commons

Ezekiel Emanuel, M.D., is the key health-policy advisor at the Office of Management and Budget and a member of the Federal Council on Comparative Effectiveness Research. While claiming to oppose euthanasia, he demands the cuts in health-care costs that would amount to the same thing: death of the most vulnerable patients.

Administration itself described the protesters as a mob, “Brown Shirts.” Then, the White House asked citizens to send in e-mails about “suspicious remarks,” made by others, concerning the health-care program! The rage in the population was so great, that this program has already been shut down. So in reality, large parts of the population have just broken with this policy of the Administration, especially retirees, the elderly.

The Role of Dr. Ezekiel Emanuel

Now, I want to give you a chronology of how this occurred.

Since the onset of the crisis, in July 2007, the U.S. government gave out \$20 trillion of taxpayers’ money for bailouts. In the meantime, unemployment is now 30%; 48 of 50 states are bankrupt; only one-third of the unemployed get compensation, because most communities and states don’t have the money. Two to three million people have lost their homes since 2007, and this year alone, 2.4 million new foreclosures are expected, many people are living in tent cities or in their cars, and thousands join the ranks of the unemployed weekly.

The rage over paying out bonuses to executives is

tremendous. The nine largest banks that have been bailed out, to the tune of \$175 billion of taxpayers’ money, have given their executives \$34 billion in bonuses! The population has had enough.

The key to understanding the uprising in the United States, is the main health-care advisor to Obama, Dr. Ezekiel Emanuel, who advises the Office of Management and Budget, where Peter Orszag is the director, and Orszag has said repeatedly that health-care costs have to be cut back by 30%.

Now, let’s take a closer look at Ezekiel Emanuel. He wrote, in October 2008, when the Bush Administration was still in power, in the online *Huffington Post*, that, “with trillions of dollars evaporating in this crisis, millions of Americans face the prospect of losing their homes and jobs, and witness a dramatic contraction of their retirement savings. In response, the public will desperately want financial security, and health care is a critical element of that. Under the threat of losing everything, Americans may feel content with the guarantee of a decent plan that covers cost-effective treatments with some restrictions on choice and services to save money.” And now it comes: “*The huge increase in the Federal debt that these bailouts will entail, intensifies the pressure to rein in health-care costs*” (emphasis added).

So, he openly admits that the main reason for cut-backs in health care is to have bailouts for the banks. The article cites Emanuel’s co-author Victor Fuchs, that he’s convinced that this type of health-care reform will only be accepted under conditions of war, depression, or major civil unrest. And he says, “It’s beginning to look like we might just get all three.”

I have a list of the papers that Ezekiel Emanuel has written, which he’s coauthored with Margaret Pabst Battin, such as, “What Are the Potential Cost Savings from Legalizing Physician-Assisted Suicide?” In other words, if you allow physicians to kill their patients, you can save costs.

And also by Battin: “Should Medical Care Be Rationed by Age?” (1987), and “Choosing the Time To Die: The Ethics and Economics of Suicide in Old Age” (1987). In 1993, “Can We Copy the Dutch? Can Holland’s Practice of Voluntary Euthanasia Be a Model for the United States?” As you may know, in Holland, people over a certain age are even eliminated, without their consent. In 1996, “Is There a Place for Euthanasia in America’s Care for the Elderly?” In 1987, “Age, Rationing, and the Just Distribution of Health Care: Is There a Duty To Die?” And in 1993, “An Easy Death.”

Emanuel and Battin are on the board of the Hastings Center in New York, which is promoting the right to euthanasia. The idea is to give resources that are in short supply, as a priority, to people between 20 and 40 years of age. So, the very young and the elderly do not have the same priority.

[Emanuel shows¹] that the most money is spent on prolonging life during the last two years before death. Even if you raise life expectancy by ten years, the problem remains, that the last two years are still the most expensive. Emanuel writes further that 40% of Medicare expenditures, which are financed by the Federal government, occur in the last months of life. And then, you can't really know in advance when people are going to die! (This is totally absurd!) So, he says, since rationing according to age does not have the desired effect, you need a new approach to denial of care: "You have to go beyond life-preserving measures. This means, in my opinion, discontinue the simple treatments such as the administration of antibiotics. Do you know what keeps a patient alive who suffers from Alzheimer's? Antibiotics, against recurring pneumonia, and we never talk about that in the United States."

He goes so far as to say that medical care for people who have lost the ability to participate in society should not receive high priority. And what Emanuel is saying is exactly what the Nazis said: that certain lives are unworthy to be lived. He also says that the Hippocratic Oath is not the highest commitment, but rather cost-effectiveness is.

Nazi Economics

And that's why my husband, Lyndon LaRouche, on April 11, when he realized the extent of these implications, pointed out the parallels to Tiergarten-4, the Nazis' euthanasia program. At first, the reaction was shock. But his arguments were carefully investigated by different circles in the United States, and they came to the conclusion that the parallels are absolutely correct.

Consider now, the conclusions drawn by Dr. Leo Alexander, who was the top medical advisor and a prosecutor at the Nuremberg Tribunal on euthanasia. In 1949,

1. A graph is displayed from *Gesundheitsversorgung im Alter: Zwischen ethischer Verpflichtung und ökonomischen Zwang* (Stuttgart: Schattauer GmbH, 2003). The book is based on a colloquium at the Robert Bosch Foundation in Stuttgart, Germany, in December 1996. Emanuel was one of the speakers—ed.

three years after the proceedings, he pointed to the philosophical core of what led to these terrible deeds. He called it a philosophical principle based on rational utilitarianism, Hegelian, and Benthamite doctrines, which led to more and more sectors of the population being treated like animals, because they used up too many resources or were otherwise undesirable. Hundreds of thousands of German citizens, not to mention millions of foreign nationals, were sent to their deaths in the name of this principle. And this belief in utilitarianism, or perhaps one would call it "pragmatism," has been encroaching for decades in the U.S. and in Great Britain, and now it's making inroads here as well. It's interesting that a lot of elderly people in the U.S. say that that's exactly how it developed under the Nazis.

I want to quote again, from Dr. Alexander:

"Whatever proportions these crimes finally assumed, it became evident to all who investigated them that they had started from small beginnings. The beginnings at first were mere a subtle shift in emphasis in the basic attitude of the physicians. It started with the acceptance of the attitude, basic in the euthanasia movement, that there is such a thing as life not worthy to be lived. This attitude, in its early stages, concerned itself merely with the severely and chronically sick. Gradually, the sphere of those to be included in this category was enlarged to encompass the socially unproductive, the ideologically unwanted, and finally, all non-Germans. But it is important to realize that the infinitely small wedged-in lever from which this entire trend of mind received its impetus, was the attitude toward the non-rehabilitatable sick. It is, therefore, the subtle shift in the emphasis of the physicians' attitude, that one must thoroughly investigate."

On June 10, American historian Anton Chaitkin, a collaborator of Lyndon LaRouche, spoke before the Federal Coordinating Council for Comparative Effectiveness Research, and reviewed the introduction of the euthanasia policy in Germany in 1939. You should know that Chaitkin's father was a prominent Jewish lawyer, who tried to get the United States to boycott Nazi Germany. The video [of Chaitkin] is on YouTube, and has been seen by over 160,000 people, and has been studied by influential circles, not only in the Republican Party, but also by many Democrats and health-care specialists, who found that it was absolutely correct.

Since then, the protests in the U.S. have spread like wildfire. There will be hundreds more such meetings.



EIRNS/Tiffany Wamsley

Rep. John Dingell's (D) town hall meeting in Romulus, Mich., Aug. 6, 2009.

I'd like now to show the video of the Dingell meeting, where the father of a young handicapped man confronts Congressman Dingell [*shows video*].

In all the various U.S. states, you have a similar process going on. House Speaker Nancy Pelosi made an appearance at a community center in Denver, for example, and was surrounded by enraged citizens and had to flee. The Congressional security services issued a warning, before the Summer recess, that Congressmen should expect political disruptions in their home districts. Since then, 75 Congressmen have signed a letter opposing the creation of an "IMAC" of five experts who would decide what treatments will be authorized.

Another of Ezekiel Emanuel's favorite issues is his campaign against so-called "unnecessary care." For example, on Aug. 13, he said on ABC-TV that hundreds of billions of dollars are being wasted on unnecessary health care (sometimes he speaks about "harmful" care). In response to such statements, the American College of Surgeons, which has 74,000 members, vigorously attacked the President for his comments that unnecessary operations are being undertaken by surgeons just to earn money, saying this assertion threatens to damage the doctor-patient relationship. The above-mentioned assertions against giving antibiotics to people suffering from dementia were made by Ezekiel Emanuel here in Germany too, back in 1996, at a colloquium of health-care economists at the Robert Bosch Foundation. He said, "On the question of discrimination against specific persons in the health-care system, I'd like to say the following things.

"I'm aware how sensitive this issue is in Germany, but at the end of the day, it is undeniable that priorities have to be set. . . . If someone is in a position to participate in a process of prioritization, it should not be done simply on the basis of ethnic or racial background lines, but on a certain level or degree of physical and mental efficiency."

The sensitivity issue in Germany, comes from the fact that 70 years ago in Germany you had a euthanasia program, and it's considered differently here.

The other participants at this Bosch Foundation seminar had similar academic formulations. There was a presentation by Karl Lauterbach, the health-care expert of the SPD [Social Democratic Party], with the title, "Complexities of the Application of Ethical Theories." He presented various ethical theories and then asked the question, can there actually be any objectively correct moral act or decision? He described himself as a deontologist who doesn't necessarily believe that rationing care for the elderly is automatically unethical.

He says: "Anyone who accepts rationing of care for old people asserts it, as a rule, because he accepts the principle of prioritization of claims to medical treatment, which is different from maximizing preferences or happiness. This principle can be based, for example, on the fact that younger people should come first if there is a shortage of resources, simply because the elderly, as a general rule, have already lived their lives, whilst youth have not yet done so."

In other words, you could basically kill off old people, because they've already lived for a long time.

Other presentations in this forum had such titles as, "Why the Denial of Care in Managed Care Is Not Unjust," or "Why a Worsening of the Quality of Care under Managed Care Is Not Unjust as Such," or "Health Care Is Not a Genuine Public Good."

I would say that it *is* a genuine public good, but they don't seem to think so.

These health-care economists in Germany operate under the model of the HMO system, which has been implemented for 16 years now. Since we introduced

this whole tiered cost system, 100,000 jobs in the health sector have been lost, health-care delivery in rural areas is catastrophic in some cases, and home care was destroyed. Independent physicians have quotas for their patients, and if they go over the limit, they have to pay the difference from their own pockets. Many tests are no longer covered, and some insurance companies have told doctors to get rid of their very expensive patients. Professor Hoppe, in Mainz, clearly stated that doctors in Germany do not want this rationing of care. But the danger is, in this breakdown crisis, that you would also get triage here in Germany.

Emanuel's article in *The Lancet*, which is a British medical journal, "Principles for Allocation of Scarce Medical Interventions," discusses how to decide how hospital beds, organ transplants, inoculations, and so on, are to be specifically allocated.²

For example, if we have a swine flu pandemic—and it certainly looks like we will—this will be very much on the agenda. And just how perverse this way of thinking is, is shown in Holland, where a new video game has come onto the market, called "The Great Flu Pandemic." The gamer is the head of the World Health Organization. He has \$2 billion at his disposal which he's supposed to spend on different measures that are associated with different costs, for example, closing down airports, which costs \$250 million; it's cheaper to close schools—that only costs \$10 million—and so on. Of course, this is a form of brainwashing, to habituate people to cost-cutting and distributing scarce resources. Emanuel, already in 2006, said, in the case of the spread of avian flu, that you would not be able to inoculate everybody in the U.S., and a selection would have to be made.

The reason I have gone into detail here, is because Dr. Ezekiel Emanuel is the "idea man" here. In Germany, where such a policy already led to the huge catastrophe in the past, you would think that it would be a major theme. But there is not a single article or report in the media here that mentions the name of Ezekiel Emanuel, whereas in the United States, there is a totally hot debate; it's being discussed in the town hall meetings, because everybody knows that he is the author of these articles. If I had to choose one example of control over mass media that I've seen—and I've come up against a lot of it—it would be this.

The point is, this whole policy is a completely wrong method of thinking. It's just wrong, methodologically. You operate in a closed system; you discuss that you have to get used to the fact that there are going to be shortages. It's an entropic view of the world, which has nothing to do with the real universe. Whole categories of limited resources, limited habitats, overpopulation, rationing of the health-care system, triage, selection of who is allowed to live and who must die—that is the essence of fascist ideology.

The real principles of the universe are anti-entropic. The real universe develops into more complex systems, and the human mind and its creativity is the spearhead of this development. I'll go into this more later.

So, it should be clear that these Federal elections in Germany are not occurring under normal circumstances, but in the midst of a breakdown crisis, the greatest in the history of mankind, with a mass strike in the U.S., with Lyndon LaRouche, my husband, recognized as the intellectual leader of this development. He's feared by some, but he's also celebrated as a folk hero by others.

The Real United States

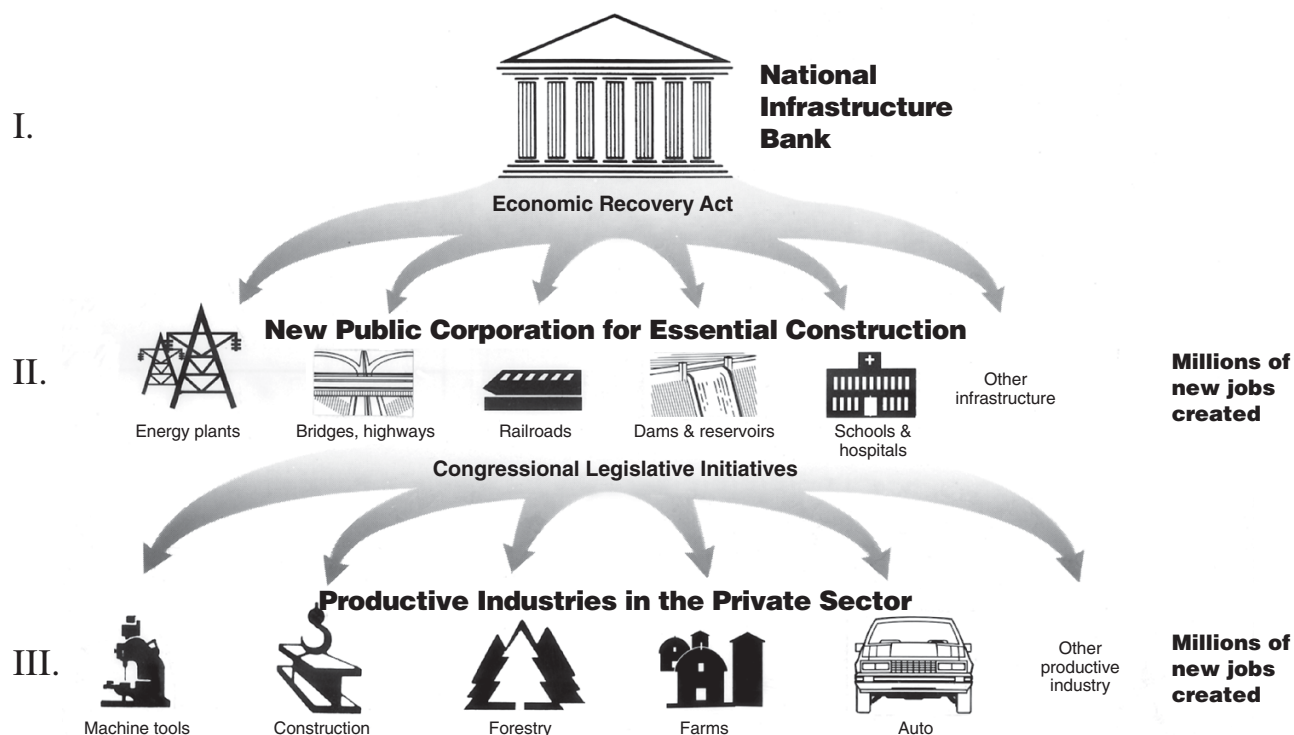
For Europeans, who don't know much about the real history of the United States, it's very important to underscore that, in the United States, you have two traditions that are diametrically opposed to each other.

You have on the one hand, the Anglo-American "special relationship"; the last example of which we had, was the cooperation between Bush and Blair in the Iraq War and the Afghanistan War. This group wants to dominate the world, as an empire.

But there is a totally different tradition, that of the American Revolution to gain independence from the British Empire. That tradition is represented by Benjamin Franklin, Alexander Hamilton, Abraham Lincoln, and Franklin Roosevelt. And if there is to be a chance to come out of this crisis with a positive solution, then the outcome of this revolt in the United States has to be a return to the tradition of Roosevelt and a New Deal and Bretton Woods, the policies that he used in the 1930s and 1940s to get the United States out of its crisis.

And I think that the only chance that we have, is to use the upheavals in the United States to evoke this Roosevelt tradition. At that point, the plan that my husband has devised should be implemented. An emergency conference should be convened, initiated by the United States, Russia, China, and India; and Germany

2. Jan. 31, 2009, http://www.factcheck.org/UploadedFiles/emanuel_lancet.pdf



LaRouche PAC, August 2007

Figure 1. *The LaRouche PAC schematic of an Economic Recovery Program*

and other nations should absolutely be part of that. And they should, as a first step, put this financial system into bankruptcy. The toxic waste in the banks should be cancelled. You need a bankruptcy reorganization! There has to be help for the public banks, and you have to go back to a system of fixed exchange rates and a system of National Banks. Could we show the diagram of the organization of this new system (**Figure 1**)? This is the idea, according to the American Constitution model, that a National Bank should be created, where only the Congress has the right to create productive credit. It's a credit system, as opposed to a monetary system. This national credit would then go for well-defined investments for the common good, into productive industry, to relaunch the economy.

Global Infrastructure Development

Next, I'll show you a picture of industrial ruins (**Figure 2**): This is the way it already looks in certain parts of Berlin, in the East. Now we see the Brandenburg Gate (**Figure 3**). This is my negative vision: If we don't change things very quickly, Berlin might end up looking like this. (This is modeled on the decline of the Khmer Empire, which was then overtaken by the jungle,



EIRNS/Ilya Karpowski

Figure 2. *Berlin's industrial collapse, 2006.*



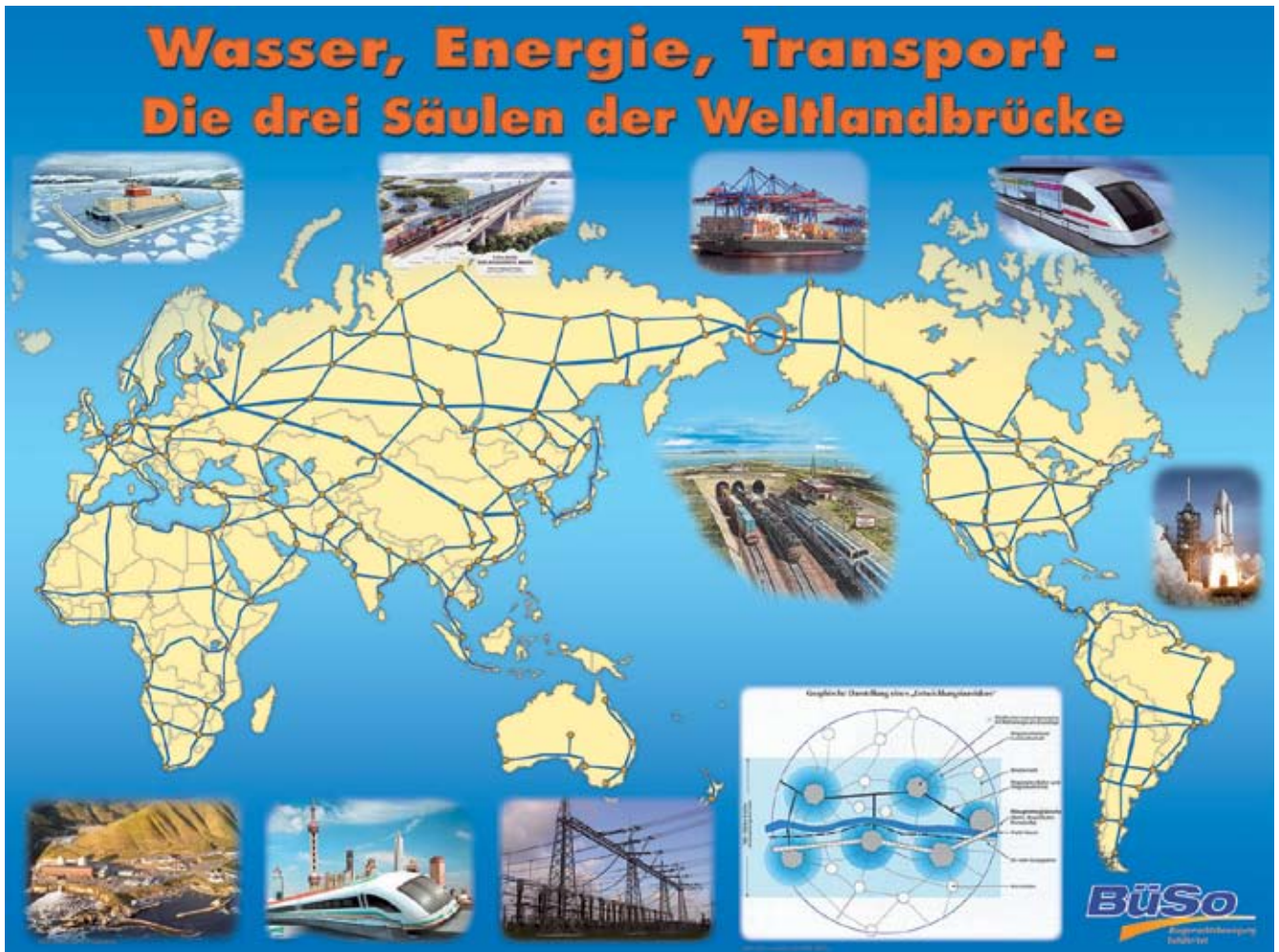
Photomontage by EIRNS

Figure 3. Berlin's famous Brandenburg Gate, as it might look, reverting to "nature," if we don't reverse the global economic collapse.

and I certainly hope we don't come to that in Germany!)

Now here is the Eurasian Land-Bridge (**Figure 4**). The idea is that, after the reorganization of the bankrupt international system, every country will set up a National Bank, and then the different countries can cooperate in ambitious reconstruction projects. Now, since 1989—that is, since the fall of the Berlin Wall—we here in Germany have proposed that the major industrial and population centers in Europe be connected to the centers in Asia, through three principal lines.

This (**Figure 5**) is the Bering Strait Tunnel, which would connect to the Trans-Siberian Railway, and then lines going [across North and South America] farther south, all the way down to Chile. You would also have corridors extending into Africa, through a Gibraltar tunnel to Morocco, or we could also have a tunnel going



BüSo

Figure 4. A BüSo organizing poster reads: "Water, Energy, Transport—the three pillars of the World Land-Bridge."

from Sicily over to North Africa, to Tunisia, and then continuing southward.

That is an entire, integral transport system, to allow world economic reconstruction in the 21st Century. The most important thing, is that you need three pillars to this project: water, energy, and transport [as Figure 4 illustrates]. **Figure 6** shows the idea of development corridors, which could be 100 kilometers wide, and through these transportation arteries, you could have the Transrapid [maglev] lines, highways, railways, waterways, and so on. Energy production and distribution would be set up. And this would allow us to open up the landlocked regions of the world, which have been terribly disadvantaged up until now, compared to those that are on seacoasts or rivers. By opening up of the interior areas, thanks to infrastructure, we would give Slovakia, for example, which has no access to the sea, the same advantages as Hamburg or Rotterdam have.

So, the idea is to have long-term projects, to raise the productivity of the populations in these areas through economic and technological progress. And with that, you would have a new system, which is not based on short-term profits, but on long-term development of the world population.

[She shows a picture of the Shanghai Transrapid, the German-built maglev technology.] Yet the project to build one from Hamburg to Berlin, or from Munich to the airport, which would have just cost EU2.8 billion, was rejected—the financing was rejected.

But the Chinese were not as stupid as that, and they built the maglev line between Shanghai and its airport, Pudong, in 22 months, under Commander Hu. They had to develop new patents to get

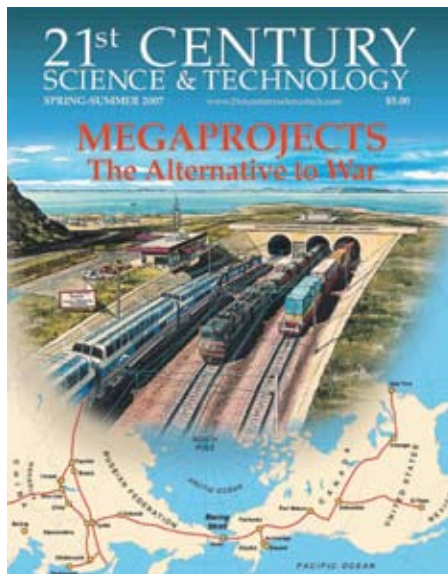
through swampland, with swamps up to 60 meters deep, and so on. The Chinese engineers worked on this, and came up with very good patents on their technology.

Then we also have the Transrapid cargo aspect: The maglev would be designed to transport cargo. If we want to have infrastructure development of all of Eurasia, and propel industrial development forward at the same rate that the population is growing, then we have to have this kind of transportation through highly populated areas. The time factor is decisive here.

Now the argument that it could also be transported by ship is not really right, because in the Ruhr area, or in densely populated areas, time is a cost factor. And here we

have the Cargo Cap project (**Figure 7**), an underground system of transportation for cargo, where a lot of the freight could be transported through underground tunnels, particularly in urban areas. That would be a great way of getting a lot of the truck traffic off the roadways in the cities.

Now, here in Germany, even our Minister Stein-



Design by Alan Yue. Painting of Bering Strait Tunnel by J. Craig Thorpe, for Cooper Consulting Co.

Figure 5. The plan for a tunnel and bridge across the Bering Strait, from Russia to Alaska.

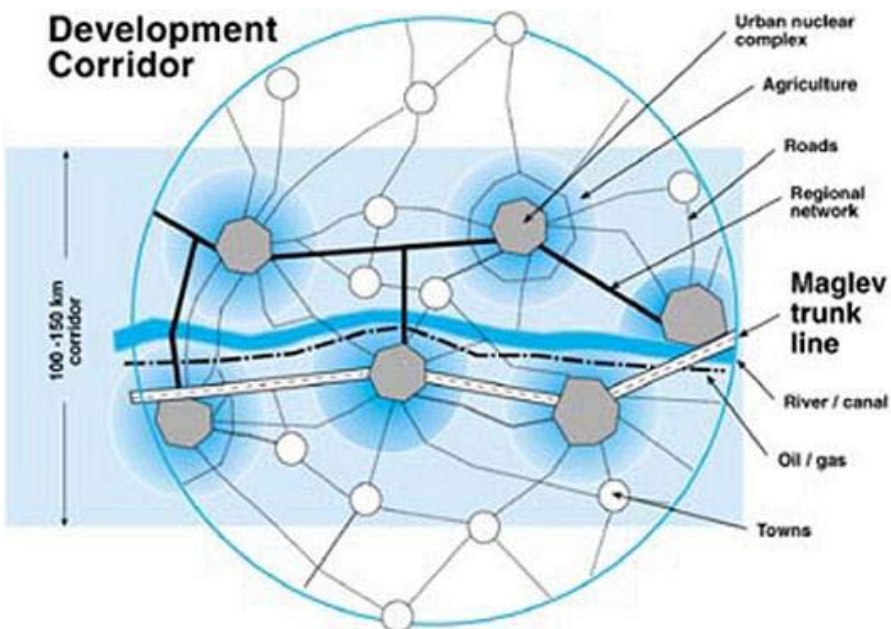


Figure 6.



Figure 7. *The Cargo Cap proposal for underground transportation of freight.*

meier³ (who probably looked at the BüSo program), wants to create 4 million jobs, he says. That is very inadequate, given the number of unemployed, and he said he wants, for example, to create a lot of “green jobs.” He plans to solve the transportation problem with a system of satellites to observe traffic patterns and advise people what detours to take, to avoid traffic jams. That’s just a ridiculous idea! We should rather use the Transrapid and the Cargo Cap systems, with underground transportation.

[She shows maps of the proposed Transrapid transport network in Scandinavia; and the idea of a bridge or tunnel from Sicily to North Africa, to ensure a better connection between Europe and Africa.] Then you have the Bering Strait project ... with different modes of transportation going through tunnels under the Bering Strait, from Russia to Alaska. Former Alaska Gov. Sarah Palin was quite favorable to this project. So there is a real chance of pushing such a project through. Then there is the Alaska-Canada Rail Corridor, and the floating nuclear power plant (Figure 8). This is the idea of putting nuplexes onto pontoons, so that they can be transported by sea to almost anywhere in the world.

There is no reason why we could not decide to have a World Land-Bridge. In Europe, for example, an over-



Figure 8. *Artist's conception of a Russian floating nuclear power plant.*

all network is taken for granted. Every year, the transport ministers get together several times, and discuss what projects to have here in the EU, for highways, for bridges, for this and that. But what we need is an overall, global concept of where we want to go in the future. If we were to agree to such a project, we could develop millions of productive jobs pretty quickly.

Some of those jobs would help to develop the domestic market, because this has been severely neglected since the euro was introduced. The backlog in infrastructure investments, according to the Urbanistics Institute, amounts to about EU1 trillion. Such a project should be integrated into the Eurasian Land-Bridge, from the very beginning. That would then be the basis for the reconstruction of the world economy, once this financial crisis is cleared up.

This conception really offers the only chance; there is no alternative. We have to think of how mankind can ensure enough energy security and food security in the long term. And in North Asia—in particular, in Siberia—you have an incredible amount of natural resources and raw materials, which are urgently needed in other parts of the world, for example in China. China already has a 1.4 billion population, and just to feed them and to sustain them, over the medium term, we would need to develop new resources. And the same thing is true for Germany; we have basically no raw materials here, and we also have to think of our future.

As for Africa, Africa is a continent that is now dying! Every day, you see hundreds of refugees fleeing hunger and sickness, and that’s no answer. We have to free Africa from British imperialism. It must become part of the World Land-Bridge, and then Africa will have no problem, because they have, for one thing, some of the best land in the world for agriculture. But irrigation systems are lacking. They could have several harvests a year! Africa could become the breadbasket for the

3. Frank-Walter Steinmeier is German’s foreign minister, vice-chancellor, and the candidate of the Social Democratic Party for Chancellor in the Sept. 27 elections.



EIRNS

Figure 9. Africa's railroads today: virtually nonexistent. There is no rail that can take you from north to south or east to west across the continent; railroads were built by the imperialist powers to bring looted raw materials from the interior to the coast.

world, instead of being the continent of hunger. Africa also has tremendous raw material wealth, and these resources belong to Africa, and not to multinational companies that are trying to loot the continent. For that, we need infrastructure, we need ports.

[She shows nighttime satellite views of Africa, illustrate the almost total lack of electricity; and an artist's representation of how Africa's electrical grid will look some years from now.] **Figures 9 and 10** show the existing railroad networks, and the ones we hope will exist soon.

We need a railway network, highways, water management. I have been convinced for a very long time, that the issue of the development of Africa is the moral test for Europe: If we don't succeed in developing this continent and in reversing the injustice that has been done to this continent, through slavery and looting over centuries, if we don't manage to eliminate the moral indifference in our cultures, then we will fail.

The 'Extraterrestrial Imperative'

The question is, how can we get rid of the false axioms that led to the present crisis, and completely change the wrong way of thinking? The problem is, that when one speaks of the economy, most people only think of monetary values, of linear models in a closed



EIRNS

Figure 10. The African railway grid as proposed for development.

system. But as I said, the real universe is not entropic, but rather *anti-entropic*.

Therefore, we need exactly what the great German scientist Krafft Ehrlicke called "the extraterrestrial imperative": that is, the idea that man, through space travel, has to take into account the real laws of the universe, otherwise, he will not be able to survive.⁴ To put it in more colloquial terms, you cannot simply get out of the spaceship, if you don't feel like travelling anymore!

Krafft Ehrlicke came to the U.S. as part of Operation Paperclip [the OSS program to recruit German scientists to the U.S. after V-E Day], and he became one of the main engineers, one of the major scientists for the development of Atlas rocket, which was critical for the Apollo program. He also had very up-to-date concepts for interplanetary space travel, and for accessing and exploiting new materials on the Moon and on Mars. For Krafft Ehrlicke, the extraterrestrial imperative was a natural continuation of the process of evolution of the Biosphere itself, which means overcoming physical frontiers. They are there so they can be overcome, somewhat like the emergence of life out of the oceans, onto land, with mammals. Then, the technological capabilities of man will be so developed that he will be able to leave the Earth's atmosphere and go into space.

4. See Marsha Freeman, "Mars: The Next Fifty Years," p. 4 in this issue.

Krafft Ehrlicke said that this is not an unnatural development. Technology is rather man's main weapon in life, since his creation. He said that photosynthesis was the first really big industrial process, to gain and keep access to suitable energy sources, to enlarge the basis for raw materials, and to cover the basic needs of production. It was that which allowed man to resort to extraterrestrial resources. And it's obvious that Krafft Ehrlicke was spiritually closely associated with the Russian scientist V.I. Vernadsky, who also explored the qualitative superiority of the creative activity of man, the Noösphere, as compared to the Biosphere, and that that is the law of the universe. And what man, with his creative abilities, can create through new discoveries, is superior to whatever processes are developed in the Biosphere.

This goes back, in fact, to the ideas of the first modern scientist, Nicolaus of Cusa, in the 15th Century. Ideas that Prof. [Rudolf] Haubst once called the law of biogenetic evolution.

If we want to get away from monetarist and linear ways of thinking, there is no better way to do so, than through manned space travel, because it inspires creativity and imagination. Some of us may remember when we were young, the tremendous technological optimism during the Kennedy era, with the Apollo program. At the time, if you asked children, "Hey, what do you want to become?" They would say, "I want to be an astronaut!" People were also enthusiastic about the dogs that went into space, like Laika. I found that fascinating. And this program would have been carried forward, had Kennedy not been assassinated.

The world would look quite different from what we have today, if that program had been carried forward. We could have solved the problems on this planet a long time ago, because the byproducts of space travel are enormous: For every 1 cent invested in the Apollo program, you had 14 cents returned to the civilian economy. That money was not wasted! Through the spillover effects of this technology, there was an enormous increase in productivity in all sectors—Teflon, computer chips, all kinds of things, developed out of those programs.

First the Moon, then Mars

Krafft Ehrlicke at the time, said that the first phase of the space program should be the industrialization of the Moon, including construction of the city Selenopolis on the Moon. That that could then be the base for missions to Mars, and beyond.

Since then, space travel has come quite a ways fur-

ther. In January 2004, the Mars Express sent wonderful pictures of the Red Planet back to Earth. The first Mars orbiter of ESA, the European Space Agency, began its scientific activity, and now it has been proven that there are enough water deposits on Mars to supply human presence there. So the long-term plan for ESA, for Aurora, is to develop technology, step by step, for building up infrastructure to go toward exploring the Solar System and allow for man to be present in space, mainly on the Moon and Mars.

At first, the missions will be unmanned, to test the technologies needed for manned flight. And the first high point in the existing ESA program is a permanent manned station on the Moon, and then, in 2030, hopefully manned flight to Mars. There are a number of problems that have to be solved. For example, if you have conventional power sources, such a trip would take at least 200 days, during which time, the astronauts would be in space without gravity, which is not so easy [for the human body] to handle. It would take 200 days to get there, 200 to come back, and then 600 days on Mars. That's quite a lot! So the object is to have nuclear-powered rockets to go there, which accelerate during the first half and then, in the middle, the deceleration process begins. Such a trip would only take four to five days.

Therefore, we have to develop fusion energy, and the isotope economy, as quickly as possible, so that the elements in the now known Periodic Table of Mendeleev would be broadened, and replaced by a much more complex system of isotopes. Then we would be able to solve this problem of "limited" resources and scarcity, which is "managed" by the financial markets.

This would also have a tremendous pedagogical effect: Vernadsky pointed out, that when man is concerned with the macro- and micro-areas, subatomic and astrophysics, that in both of these domains, sense perceptions don't work: You can't see isotopes, nor can you touch the entire universe with your hands. You really have to understand the universal physical principles at work, and that completely blows out of the water the monetarist axioms of thinking.

Krafft Ehrlicke became a good friend of ours, especially toward the end of his life. In 1981, he took a three-week trip with us throughout Germany, where he presented his program, and we presented ours. He had really thought through this whole problem, of how this extraterrestrial imperative has to be the next phase in the maturation of humanity. I am convinced of that. Shortly before his death—he died of cancer—he said to

me, “The problem is not technology. The problem is that human beings are not developing as they should.” That’s why he so much appreciated the work of the Schiller Institute, because he said that a humanist education absolutely must go hand in hand with scientific and technological optimism. When that’s the case, then man will truly “grow up.”

[*She then plays a video from LaRouche PAC-TV, on a Moon-Mars program.* <http://larouchepac.com/lpactv?nid=11573>]

Video narrator: The industrialization of the Moon is the grounds for productive human operations in space, and will include the establishment of primary industries to build facilities on the Moon and the export of a handful of precious commodities to Earth, such as the Earth-rare isotope helium-3.

The lunar economy will develop in stages, beginning with nuclear fission-powered research, mining, and industrial facilities. Without a Biosphere to concentrate certain minerals, the high energy densities of fission, followed soon after by fusion, will be indispensable in processing huge amounts of lunar material for the export of raw materials for further processing in orbital factories around the Moon or Earth; for the shipment of oxygen, foodstuffs and other consumables to travellers on their way to Mars, or even more distant destinations; and for the supply of semi-finished goods to be finished in orbit for the spaceships and equipment to go to Mars, all supported by an integrated lunar infrastructure. With a flight time between Earth and Moon of no more than several days with chemical rockets, and mere hours with fission propulsion, the entire region between the Earth and Moon will be heavily trafficked with freighters and personnel vehicles coming and going on a daily basis, utilizing a continually expanding orbital space infrastructure of communications relays, fuel depots, research stations, and production facilities. The sphere of human activity will thus extend from the entire lunar surface, through the region between the Earth and Moon, down to the entire terrestrial surface, including now-inhospitable regions, like the deserts, polar caps, and ocean floors that will be opened up by space technology.

Once the lunar economy becomes self-suffi-

cient, new cities, and with them, new cultures will emerge on the foundations of lunar industrialization, forming, in effect, Earth’s seventh continent. The Moon will be the first extraterrestrial home of mankind. After man has successfully industrialized the Moon, he will turn his sights to the first interplanetary manned mission—to Mars.

Zepp-LaRouche: I quote Krafft Ehrlicke, again:

“The concept of space travel carries with it enormous impact, because it challenges man on practically all fronts of his physical and spiritual existence. The idea of traveling to other celestial bodies reflects to the highest degree the independence and agility of the human mind. It lends ultimate dignity to man’s technical and scientific endeavors. Above all, it touches on the philosophy of his very existence. As a result, the concept of space travel disregards national borders, refuses to recognize differences of historical or ethnological origin, and penetrates the fiber of one sociological or political creed as fast as that of the next.”

In other words, if we take the Eurasian Land-Bridge as the basis for reconstruction of the world economy, then that must include a commitment to space travel. So far, ten countries have adopted a program for space exploration. This commitment must have very high priority, because to come out of the ruins of the last 40 years of neo-liberal policies, we need very rapid rates of scientific progress, and that is best achieved with a science-driver, such as space travel.

And to conclude, I would like to read the basic principles of astronautics of Krafft Ehrlicke:

“1. Nobody and nothing under the natural laws of this universe imposes any limitations on man, except man himself.

“2. Not only the Earth, but the entire Solar System, and as much of the universe as he can reach under the laws of nature, are man’s rightful field of activity.

“3. By expanding throughout the universe, man fulfills his destiny as an element of life, endowed with the power of reason and the wisdom of the moral law within himself.”

So, in this, the worst crisis in the history of mankind, we cannot be content with pragmatic solutions of side issues, but we must, in the tradition of Nicolaus of Cusa, of Leibniz, of other great humanist minds of European history, reach back to the highest ideal, to find the strength to deal with the current situation, and usher in a more positive era in human history.

Obama Reappoints 'Bailout Ben': America Will Pay the Price

by John Hoefle

Aug. 28—Civilization lost another opportunity to reverse its disastrous course this week, when President Obama nominated Ben Bernanke for a second term as chairman of the Federal Reserve Board. The move makes it clear that Obama is determined to continue the policy of bailing out the Anglo-Dutch Liberal monetary system, while bankrupting the United States.

The sudden announcement reeked of desperation. Obama was on a politically expedient "vacation," during the popular revolt against his Nazi health-care program, and Bernanke still has five months to go in his first term. The move appeared to be an attempt to offset the damage caused by the announcement, scheduled for later the same day, of a whopping \$9 trillion Federal budget deficit. Whatever the motive, the effect was two disasters in one day.

Lyndon LaRouche was quick to denounce the move as yet another indication of the level of insanity in Washington.

"In reappointing 'Bailout' Ben, Obama is committing himself to the continuing collapse of the dollar and the removal of the dollar as the world reserve currency," LaRouche said. "These moves will quickly and inevitably lead to the complete breakdown of the global monetary system, and of civilization itself. The Fed is already bankrupt, due to the actions of Greenspan and Bernanke, and must immediately be put into bankruptcy protection. We should stop all the bailout programs, take back the bailout money already issued, and put the banks

into bankruptcy protection. Without such steps, we face a complete disintegration of the system within weeks."

Bankrupt!

In his nomination announcement, Obama praised Bernanke for approaching "a financial system on the verge of collapse with calm and wisdom, with bold action and outside-the-box thinking," that has "brought our economy back from the brink." That's an odd description of what was actually a classic central bankers' response of bailing out the lords of finance and sticking the peasants with the bill. Far from being "outside the box," Bernanke was smack dead in the parasitic middle of it, pushing the panic button and flooding the market with nation-killing quantities of money.

One result of that policy was evident in the Administration's second press conference of the day, where Office of Management and Budget (OMB) director Peter Orszag released his Mid-Session Budget Review. Orszag is one of the Administration's ranking behaviorist kooks, and a champion of its fascist policies.

Orszag confirmed one of the worst-kept secrets in Washington—that the Federal budget deficit is completely out of control—when he admitted that OMB's projection for the Federal deficit over the next ten years had risen to \$9 trillion, up from the \$7 trillion projected in February—a nearly 30% increase in six months. Orszag blamed the sharp decline in the nation's fiscal condition on "a deeper-than-expected recession." How-

ever, even that \$9 trillion deficit is based upon the non-existent “economic recovery” the Administration keeps promising; the OMB budget says its projections are based upon a 2% growth in 2010, followed by a 3.8% growth in 2011, and then, two years of over 4% growth.

Orszag made it explicit that slashing health care is an integral part of the Administration’s fiscal plans.

“To avoiding making the problem any worse, we need to address the key driver of our long-term deficits: health care costs” Orszag said. “The federal government simply cannot be put on a fiscally sustainable path without slowing the rate of health care cost growth in the long run.”

The combination of the renomination of Bernanke and Orszag’s statements show plainly that the Administration’s loyalties lie with the money, not with we the people. Are our fiscal problems the result of the largest bailout in history? No, they are the result of the American people receiving too much health care!

Obama’s plans protect the insurance and pharmaceutical companies, just as they do the big banks and other corporate interests, while sticking the public with the costs. This is corporatism, pure and simple. What he is implementing, are the same policies that were implemented in Italy under Mussolini, and in Germany under Hitler. And just as in those two cases, what is pulling the puppet strings is the British Empire. Obama’s big “change,” is fascism.

Corporatism

Under the bailout scheme, there has been an unprecedented consolidation of the U.S. banking system. The three largest banks hold about one-third of the assets of the entire banking system, and the top ten account for nearly half. All of these banks have received extraordinary benefits from the Federal bailout swindle, and two of them, Citigroup and Bank of America, required special bailouts on top of that. Without the bailout, none of these banks—not a single one—would have survived.

It is in this light, that the 84 bank failures thus far this year must be measured. The largest bank which has officially failed this year is Colonial Bank, of Montgomery, Ala., with \$25 billion in assets and \$20 billion in deposits. A significant bank to be sure, but only about number 60 ranked by assets. The second-largest bank to fail this year is Guaranty Bank, of Austin, Tex. Guaranty’s \$13 billion in assets and \$12 billion in deposits barely make the top 100. By comparison, JP Morgan Chase, Bank of America, and Citibank all have over \$1

trillion in assets, and Wells Fargo’s two main banks, Wachovia and Wells Fargo, have a trillion combined.

The consolidation is even more clearly shown in the bank holding companies, where Bank of America Corp. and JP Morgan Chase & Co. each top \$2 trillion in assets, and Citigroup, and Wells Fargo & Co. each top \$1 trillion. The conversion to bank holding companies to take advantage of the bailout has dramatically restructured the holding company rankings, with Goldman Sachs, Morgan Stanley, and MetLife joining the top ten, followed by U.S. units of three foreign banks, HSBC, Deutsche Bank, and Barclays.

These big institutions are all being protected by Federal subsidies, while the smaller banks are allowed to fail. The consolidation has only begun, and every round makes the banking system more global, more interested in extracting money from local economies than in building them up.

On the Brink

This slavish capitulation to imperial monetarism by a government that was founded in opposition to those principles, has brought our nation, and the entire world, to the brink of collapse, a collapse which has already begun. Our states and cities have been thrown into bankruptcy, which will enter a new phase with the new Federal fiscal year in October; essential elements of our governments will begin to shut down, shutting down the economies in those states. We are moving from a financial crisis, to the breakdown of the nation itself.

“The collapse of the United States, as a financial institution, will be the inevitable consequence of such a development,” LaRouche said this week. “The United States, which is the chief bastion, through the U.S. debt, of the entire world system, will collapse. The collapse of the dollar, as in the case of China, will mean, *the entire world will go into an immediate breakdown crisis*; will mean, mass death, inside the United States, and outside the United States, simply from hunger, starvation, etc. And, therefore, we’re in extraordinary times.”

The battle lines are clearly drawn. On one side stand the forces of the monetarist British Empire—including leading Democrats Obama, Nancy Pelosi, and Barney Frank, along with George Soros and Felix Rohatyn, who are dedicated to ruling the world. On the other side, stand the LaRouche movement and its allies, and the American System, with its commitment to improving the standards of living for all mankind. It is time to choose.

johnhoe@larouchepub.com

Herd on the Street by Les Swift

Deep in the Hole

Strange things, and stranger people, gather at Jackson Hole, Wyoming, for the annual assembly of central bankers.

Every year some of the most powerful people in the world of finance gather at Jackson Hole, Wyo., for an annual meeting sponsored by the Fed. It's a major stop on the tour, along with Davos, the Bilderberger meeting, Bohemian Grove, and Sun Valley, and right up there in importance with the annual trip to that secret clinic in Switzerland for the sheep fetus treatments, and the trip to Venice for Satan's birthday.

The celebrity poodles of the press have little trouble gaining entrance at Jackson Hole, having long proved their eagerness to serve as public relations stenographers for the elite. Guys like me, who occasionally dare to write something outside the pre-approved script, have a harder time getting in—and when we do, we're thrown out as soon as they catch us. The folks at the Hole take their propaganda seriously.

However, they don't always catch us, because the ordinary joes who do the menial work at these events generally hate the arrogant bastards who attend, and let us sneak in. Over the years, I've posed as a waiter, a bartender, a busboy, and other such attendants, allowing me to fly under the radar of men accustomed to being surrounded by sycophants and servants. To them, servants are beneath notice. It's amazing what these fools will say to each other in front of the staff.

At each year's meeting, there is a theme. Last year, it was the meltdown of the financial system, and the grand men—and the occasional woman—were running around like guillotined

chickens, screaming about the need to have the governments save them from the consequences of their own criminal stupidity. It was a level of hysteria I had never seen before.

Had the public got a glimpse of these clowns, they'd have pulled their money out of these hysterics' banks in a flash. Fortunately for them, the poodles were there, to paint phony pictures of serene and stately discussions among policymakers whose confidence was matched only by their expertise.

I had a ringside seat for that part of the show, having managed to finagle a job as the deputy gofer for the back-up teleprompter operator for one of the biggest names in network TV. This anchorman was adept at calming down the financial prima donnas, favoring a combination of flattery and powerful pharmaceuticals—the very techniques his entourage used so effectively on him. That method, combined with heavy makeup, clever lighting, and inspired editing, worked wonders. I'll never look at TV news the same way again.

This year, the theme was “mission accomplished,” as the great men patted themselves on the back for averting the feared disaster. The braggadocio was palpable, the halls reeking with smug arrogance. The poodles were overbooked with victory interviews—so much so, that some very large egos were left on the cutting-room floor.

Then, from my vantage-point as a bartender in one of the more popular alcohol dens, I sensed something different—a stench of fear underlying all the back-slapping and boasting. From

the slivers of conversations I overheard, it quickly became apparent that these men did not believe the lines they were feeding the public.

One of the sherpas, a man who enjoyed his booze, perhaps more than he should, told me that the panic had never really gone away.

“My guy,” he said, mentioning the name of a well-known banker, “is scared to death that this is just the lull before the storm. He knows what his books look like, and thinks everyone else is in the same condition. Accounting tricks will only get you so far—sooner or later, you have to pay the piper.”

Another guy, whose job at the Fed seemed to be adding zeroes on the end of the money supply, admitted that the Fed itself was bankrupt.

“More bad paper than a hedge fund,” he said. “But at least we can print money.”

Much of the talk was about whether or not Ben Bernanke would be reappointed. The general consensus was yes, though not always for the same reasons.

“The public line is that he'll be reappointed because he's done such a good job,” one banker told me. “But the real reason is that Obama is scared to death that Bernanke might ‘pull a Greenspan’ and start talking, if he isn't rehired.”

“You mean the way Greenspan said he'd made a mistake in creating the bubble, that he had been wrong?” I asked.

“Absolutely,” he said. “Imagine what would happen if Benny boy admitted that the bailout was a mistake; that it only made matters worse! Then the poop would really hit the fan.”

“But that's going to happen, anyway,” I said. “The system is about to blow sky-high.”

“Yes, but we can deal with that at next year's meeting,” he said. “This is the only chance we'll have to declare victory.”

lessswift322@yahoo.com

Business Briefs

Asia

China, India Converge Vs. 'Warming' Pressure

India and China have agreed to cooperate against any attempts by developed nations to pressure them on climate-change issues, visiting Indian Minister of State for Environment Jairam Ramesh said Aug. 24 in Beijing, after meeting with his Chinese counterpart, Xie Zhenhua, the *Times of India* reported. The world's two most populous nations agreed that they would jointly fight any attempt to pressure them into compliance with the brutal anti-climate-change standards, by threats of trade penalties or other such pressure. The U.S. climate bill would impose a carbon tax on imports from developing nations, such as China or India.

This agreement is a big nail in the coffin of the Copenhagen climate-change conference scheduled for December. Even more important, the two nations have agreed to coordinate their views on climate change before every big international meeting. This cooperation, the *Times* reported, could be spelled out in a joint agreement soon.

United States

Farm Income Expected To Drop 38% from 2008

U.S. net farm income in 2009 will be down 38% from last year, according to a report released Aug. 27 by the U.S. Department of Agriculture (USDA). The report understates the rate of collapse of the economy. The latest USDA estimate for farm income this year is \$52 billion, lowered at least twice from an earlier high forecast of \$81 billion. Sector by sector, from grains to milk to specialty crops, the prices that farmers receive are way below their input costs, an impossible situation.

In the face of the obvious threat to the food supply, and immediate farm state crisis, the White House is rebuffing appeals for emergency action, and instead,

continuing with a "Rural Tour" campaign for "dialogue"! President Obama announced this on June 30; Agriculture Secretary Tom Vilsack is making appearances, talking about "sharing pain," and otherwise extolling the cap-and-trade bill. This was forcefully rejected at a public meeting Aug. 19 at the Iowa State Fair, where state officials asked for emergency interventions for hog and dairy farmers.

These are the hardest hit sectors.

Milking operations of 1,000 cows are losing \$30-40,000 a month. Herds are being auctioned off, or sent to slaughter. By year-end, 20% to 25% of all U.S. dairy operations will be gone.

Hog farmers have been losing \$20-35 a head for each animal marketed since Fall 2007. Well over 25% of hog producers will be closed out by year end.

Vilsack's next stop is Aug. 31 in Ohio (www.ruraltour.gov).

Japan

LDP Sank Under High Losses in Jobs, Exports

Economic conditions in Japan continued to deteriorate on the eve of Aug. 30's lower house elections, in which the Liberal Democratic Party (LDP) lost power to the Democratic Party of Japan (DPJ). The LDP was in power almost constantly since the end of World War II.

Exports in July were down 36.5% from 2008, marking the tenth straight month of consecutive drops.

Also in July, it was announced that unemployment hit 5.7%, significantly above the previous high reached in April 2003, and that the year-to-year deflation was 2.2%, also a record.

The poor and deteriorating state of the Japanese economy is the driving force behind the rise of the DPJ. In elections two years ago, the DPJ with its allies, gained control of Japan's upper house, the Senate, but had little influence on the overall course of Japanese politics because of the LDP's two-thirds control

over the lower house, which, under the Japanese constitution, gave the LDP the power to override any decisions made in the Senate.

Domestically, DPJ leader Yukio Hatoyama has strongly and consistently attacked the policies associated with ex-LDP Premier Junichiro Koizumi, whose "reforms," with the enthusiastic backing of Western finance, nearly destroyed the American System-style directed credit policies which had turned Japan into the second-largest economy in the world.

Hatoyama published an essay in August which said the global economy had "damaged traditional economic activities," and vowed to shield his country from the effects of "U.S.-led market fundamentalism" and untrammelled globalization.

Europe

Youth Suffer Most In Economic Collapse

According to reports of Eurostat and the International Labor Organization for the European Union, 5 million citizens under the age of 25 were unemployed during the first quarter of 2009—an increase of 1 million over the first quarter of 2008. The increase is twice that of citizens above the age of 25.

The worst reported situation is in Spain, where a third of the young are without jobs. In the three Baltic states, the figure is 25%, and in Italy and Sweden, it is 20%. In Germany, it is "only" 10%, but there, the rise in youth unemployment is many times that of the other age groups.

Many young people have been lured into the disintegrating work world with no real professional training, just to try to make money with the "flexibility" ideology as part-time or contract workers. These are the ones that companies fire first, because usually they have no job protection, as some skilled workers still do, since they were hired on a just-in-time contract basis.

Tony Blair's Name Attached To Every Evil Obama Policy

by Nancy Spannaus

Aug. 28—Name an evil policy being espoused by the Obama Administration, or a major international institution, and you will find the name “Tony Blair” attached to it. Whether it be imperial wars, Nazi economic policies, or genocidal environmentalism, the policy finds its spokesman in the former British Prime Minister, now turned into a globe-trotter for hire, spreading this filth.

The list of Blair's own crimes is extensive, and there is reason for optimism that some of them—especially his role in bringing about the death of British arms expert Dr. David Kelly—may actually finally destroy him. But the main reason that Blair must be further exposed is not for what he *has done* in the past, but what he is doing now—specifically his role in controlling the agenda of the President of the United States, on behalf of the British Empire.

Who Is Tony Blair?

Blair is more than a politician and a degenerate; he's a top stooge for the British Royal Family. He's been a member of the Queen's Privy Council since 1994, three years before becoming Prime Minister, and he conducts himself accordingly. His appointed role becomes obvious, both through his political outlook, and his assignments, especially those connected with controlling U.S. Presidents.

Blair's takeover of the British Labour Party in the mid-1990s corresponded to a retooling of that institu-

tion explicitly in favor of a “new imperialism,” in the words of Blair foreign policy advisor Richard Cooper. This outlook follows lawfully from Blair's adherence to the British Fabian Society, home of the “liberal imperialist” faction of British politics, which served as the launching pad for both H.G. Wells and Bertrand Russell in the late 19th Century. Specifically, the “new imperialism” called for destroying nation states through the spread of globalization and encouraging “competition,” as well as strengthening supranational institutions which could whip nations into line. British imperial dominance was to be spread primarily through financial subversion and control, although military measures were not to be excluded.

Domestically, this outlook took the form of what Blair called the “True Opportunity Society,” a cosmetically retouched form of Thatcherism, which aimed at privatization and other forms of cuts in the living standards of the working population. From this approach came the signature health policy which has now been embraced by the Obama Administration, specifically, the establishment of the National Institute for Health and Clinical Excellence (NICE) in 1999, which has applied Hitler-style cost-cutting to medicine in Great Britain, all in the name of “efficiency.”

This strategy fit hand-in-glove with the image of the “modern” monarchy which Queen Elizabeth and her consort, the anti-population fanatic Prince Philip,



Council of the EU



White House/Eric Draper

Controlling U.S. Presidents

From the moment he was elected Prime Minister in 1997, Blair was commissioned by the monarchy to head for the Washington, where he sought to exercise control over the Presidency. While he was less than fully successful with President Clinton, he was reportedly very close to Vice President Al Gore, with whom he had a friendship dating back to the late 1980s. And, from the start, he established close ties with President George W. Bush—which were to culminate in his thrusting Bush into the disastrous Iraq War.

Since former British Prime Minister Tony Blair left office in 2007, he has continued to do valuable work for the Empire, controlling the agenda of the President of the United States, in an effort to destroy this nation. He succeeded in drawing President Bush into the diastrous war in Iraq, still ongoing. Blair is also behind Obama's genocidal health-care scheme, which is modelled on Britain's Hitler-style cost-cutting program, NICE. Clockwise from top left: Obama, Blair, Bush.

As soon as the election campaign of 2008 was in full swing, Blair switched his loyalties to Barack Obama, London's chosen candidate for the U.S. Presidency. Blair took the specific role of advising candidate Obama on the Middle East and climate change, and, by July of 2008, had established a situation where, during a visit

sought to project. Concern for the poor, religious dialogue, “environmentalism”—all these “issues” were to become the transmission belts for de facto recolonization, especially of the United States, by the City of London.

Blair sought to make a name for himself internationally as a champion of this new imperialism, which he dubbed the “Doctrine of International Community.” The Prime Minister enunciated this doctrine on April 24, 1999, in Chicago, when he was in the United States for the celebration of the 50th anniversary of NATO. His doctrine trashed the concept of national sovereignty in the sophisticated name of “defending human rights,” but the objective was transparently imperial, as Blair made crystal clear five years later, in a speech in Sedgefield, England. There, he declared explicitly that the era of the Treaty of Westphalia—the great document which brought an end to the Thirty Years War, through establishing the principle of national sovereignty based on caring for the “benefit of the other”—was over, and that some nations (guess who?) had the obligation to impose their standards on others.

to London, Obama snubbed Prime Minister Gordon Brown, and met privately with Blair instead.

Even more indicative of Blair's success in cozying up to Obama was their joint appearance at the Feb. 5, 2009 National Prayer Breakfast, an annual event sponsored by the British Imperial Fellowship Foundation. The President and ex-Prime Minister gushed with praise for each other, Obama calling Blair “an example for so many people around the world of what dedicated leadership can accomplish.” Given that Obama ran for office on a platform of *opposing* the Iraq War that Blair had done everything possible to promote, this event should have given a strong hint about just how much the new President is guided by London—even before Obama's infamous toadying to the Queen and Philip in April.

Not all the controls need to be handled personally, of course. Blair also has policy influence over Obama through his stooges, most notably, health policy advisor Simon Stevens. Stevens, now head of UnitedHealthcare, and a major player in the Obama genocidal health plan, served as Blair's health policy advisor from 1997

to 2004, and was the leading force in establishing NICE in 1999.

Blair and the Kelly Case

The importance of Blair to the British establishment is underscored by the way it has moved to protect him from charges that he is accountable for his blatant lies in provoking the 2003 war against Iraq. With the deaths of millions of Iraqis, thousands of Americans, and hundreds of Britons on his hands, Blair is still receiving institutional support—although a leading British filmmaker recently said that “all the people in Britain wish for at the moment is Tony Blair’s head.”

It is indisputable that Blair played *the* crucial role in ramming through the policy of war against Saddam Hussein’s Iraq. Blair visited Bush in Crawford, Texas, in April 2002, where the two came out with a policy of ousting Hussein. Blair’s government produced a famous dossier in September 2002, which purported to show the imminence of Iraq getting nuclear weapons, and a followup memorandum, immediately before Secretary of State Colin Powell went before the United Nations in February 2003, to argue that Iraq’s weapons program represented a clear and present danger. *EIR* had gone on record in January exposing the British intelligence estimate as a fraud (“Iraq Inspections Have Exposed the Hoax of the ‘Dossiers,’” *EIR*, Jan. 24, 2003).

Then, in April, and again in June, Lyndon LaRouche was interviewed on BBC radio, where he exposed the fake intelligence, including Blair’s dossier, and condemned the invasion of Iraq as a Hitler-style pre-emptive war policy. Shortly after those appearances, British intelligence specialist David Kelly accused Blair of pushing “sexed up” intelligence to justify the Iraq War.

The Blair government did not take kindly to these attacks. In the case of LaRouche, Blair’s political circles decided to use the tragic suicide of a young Briton, Jeremiah Duggan, in March of that year, to falsely charge that LaRouche was involved in his death.

At the same time, Kelly, who had been publicly identified as the source of charges against Blair, was being vilified by the Blair government, and called to

Parliament to give testimony, was found dead on July 17, 2003, under mysterious circumstances. There were also purges undertaken at BBC, which had permitted the charges against Blair’s perfidy to be aired.

In the uproar over the Kelly death, a special commission was formed, charged with investigating the circumstances. In early 2004, the Hutton Commission determined that Kelly had taken his own life.

But the case refuses to die. Both expert witnesses and former associates of Kelly have gone to the press to report the impossibility that Kelly could have committed suicide by slashing his wrist, as the Hutton Commission determined. The latest report came out on July 12, 2009, by a team of 13 eminent British doctors, one of whom said outright that they reject hemorrhage as the cause of death and think “it is highly likely he was assassinated.” At present, the British government has scheduled public hearings on the government’s role leading up to the war in Iraq, and there are calls for including the Kelly death in the inquiry.

While, originally, the hearings were supposed to be behind closed doors, they are now going to be public, and among those being called to testify, is none other than former Prime Minister Tony Blair. Blair is going to have to answer questions, not only about the faking of intelligence on Iraq’s WMD (weapons of mass destruction), but also, about the case of Dr. Kelly. It has also been suggested that the inquiry include the Blair team’s operations against LaRouche, which are being run by the same circle which went after Kelly.

Permanent War

Since his leaving the Prime Ministership in the Spring of 2007, Tony Blair has continued to be hyperactive in the pursuit of the British Empire’s objectives. He has operated from several posts: 1) public representative of the Quartet (the United States, the Europe Union, the United Nations, and Russia) which is responsible for Middle East policy—appointed June 2007; 2) board of directors of JP Morgan Chase—January 2008; 3) the Tony Blair Faith Foundation—Spring 2008; and 4) Tony Blair Associates—February 2009.

From all of them, he pursues his central objective of destroying sovereign nation-states on behalf of “globalization”—the British financial empire—not to mention picking up a ton of cash on the side.

Blair also continues to function as a spokesman for the genocidal climate swindle, attending conferences in Washington, carrying out international diplomacy in



British arms expert Dr. David Kelly was “suicided” after exposing Blair’s lies.

Beijing, and producing lying reports, like the one entitled “Breaking the Climate Deadlock,” which was produced to shape the meeting of the Group of 8 in early July.

The Tony Blair Faith Foundation, founded by Blair after he converted to Catholicism in 2007, has served as a nesting place for a whole group of “religious” operatives who come from very high places, including the circles of the British monarchy itself. The Foundation is based in London, and at the Yale Divinity School, where Blair holds a chair and teaches courses in “religion and globalization.” Among the directors is Lord Richard Chartres, the Anglican Bishop of London, who is also a member of the Privy Council, and the Dean of the Royal Household Chapel. Chartres is also a spiritual advisor and close friend of Prince Charles.

Blair continues to get invitations to address prominent events, such as the annual Rimini Conference in

Italy, held just this week. Blair’s sophisticated jargon won him considerable applause, and he is clearly out to use the publicity in his drive for a new position—president of the European Union (should that position ever be created). And what would he do in that position? Not only would it give him another podium for pushing conflict, but he would make Europe a permanent prisoner of the British imperial drive.

But, without control over the United States, through his puppet Obama, Blair’s international machinations will amount to no more than the buzzing of a pesky, ugly gnat. Break Blair’s power over Obama—and take the U.S. back for the American System—and the British Empire can finally be sent down the tubes, where it belongs.

Anton Chaitkin and Richard Freeman contributed research for this report.

LaRouche on Afghanistan

‘No Alternative to Total Victory’ — Over the British Empire

by Jeffrey Steinberg

Aug. 27—It is growing more and more clear that President Barack Obama is on the verge of committing another, perhaps fatal policy blunder, this time having to do with Afghanistan. According to Washington sources, we are days, or, at most, weeks away from a decision by the President to again escalate the U.S. troop deployments to Afghanistan, as soon as the U.S. and NATO forces commander, Gen. Stanley McChrystal, delivers his much-awaited recommendations. According to sources close to the Administration, McChrystal is certain to ask for more troops—an initial boost of 17,000 soldiers—and the President is likely to grant his request, despite warnings from some of his top advisors, including his National Security Advisor Gen. James Jones.

According to one senior U.S. intelligence source, there is a broad institutional consensus that the United States cannot withdraw its forces from Afghanistan until a stable government has been secured in Kabul, and the Taliban and al-Qaeda insurgency has been de-

feated. “We have no choice, no matter who is President,” the source recently reported. The source noted that there is no longer any distinction between the Taliban and the drug lords, who are behind the opium and heroin production, that accounts for 95% of the world’s black market supply.

This irrational “institutional consensus” was on full display Aug. 26, at a Brookings Institution event, featuring some top Obama Administration Afghan policy advisors. Bruce Reidel, the chairman of Obama’s Afghan task force; Michael O’Hanlon, an advisor to Gen. David Petraeus, the Centcom commander; Anthony Cordesman, a Pentagon advisor at the Center for Strategic and International Studies; and Kimberly Kagan, wife of “surge” author Fred Kagan, and herself a leading neocon, all rationalized why there would be no pullout or drawdown of forces from Afghanistan—for at least the next five years—without providing a single explanation for why U.S. and NATO forces



U.S. Army

President Obama has now drawn the U.S. into an unwinnable land war in Asia, precisely what Generals MacArthur and Eisenhower warned against. Shown: A U.S. soldier dismounts from a Black Hawk helicopter while his team surveys the harsh terrain of Afghanistan's Kandahar province, Aug. 23, 2009.

remain in Afghanistan, eight years after the 9/11 attacks, or what an exit strategy would even look like. In fact, Reidel and Cordesman candidly admitted that the U.S. and NATO could be defeated militarily, and that the current situation on the ground is already dire.

Lured into a Trap

Briefed on these developments, Lyndon LaRouche had a clear explanation for why the United States is stuck in Afghanistan. “The British have lured us into this trap, and they want us to stay there until we have failed altogether.” LaRouche noted that, since the time of the Seven Years War (1757-1763), when the British Empire first emerged in its current form, the British have pursued a policy of inducing targeted nations to

destroy themselves, by being trapped into wars they have no business fighting.

“The British manipulate the United States from the outside—not through some little conspiratorial cabal,” LaRouche elaborated. “Look at the case of Vietnam: When President John F. Kennedy accepted the wise advice of top American retired generals, including Douglas MacArthur and Dwight Eisenhower, that the United States should never to get caught in a land-war in Asia, and began plans to withdraw U.S. forces from Indochina, the British assassinated him. After that, as Lyndon Johnson candidly admitted in his final interview before his death, JFK’s successor plunged head-long into Vietnam—out of fear of the assassins’ bullets that took down Kennedy.

“Now,” LaRouche continued, “we are once again being lured into a land war in Asia. It is Vietnam, all over again, and the British are pushing us in, deeper and deeper. The enemy is *not*, fundamentally, the Taliban and al-Qaeda. The real enemy, the real threat, comes from the British Empire. If you don’t have a top-down understanding of the role of the British, and the specific kinds of manipulations they run—like Tony Blair’s ‘sexed-up’ Iraq disinformation dossiers in 2002—you will almost invariably fall into the trap.”

LaRouche concluded, “Every war, since the middle of the 18th Century, that has erupted, anywhere on the planet, has been manipulated by the British. That is how they operate. They exploit the ideological blinders, the petty hatreds, and induce nations to self-destruct. Often, they take actions that appear to jeopardize Britain itself, to win their objectives. This is what the Harold Wilson government did in 1967-68, when they wrecked the pound sterling. They did it to induce the United States to abandon the Bretton Woods System altogether—which is exactly what Richard Nixon, under the sway of George Shultz and Henry Kissinger, did in 1971.

“In 1992, again, the British had their little Nazi-colaborator puppet, George Soros, run a \$2 billion attack on the pound sterling, which busted up the quasi-fixed-exchange European Rate Mechanism. The breakup of the ERM was the pivotal event, that opened up continental Europe for self-destruction, under the Maastricht Treaty.

“This is how the British Empire operates. And unless some people around the White House wise up soon, the United States is going to be dragged even deeper into a catastrophic failure in Afghanistan. There is no alternative to victory—victory over the British Empire.”

Peruvian Congressman Turns to *EIR* To Beat Back Soros Drug Offensive

by Luis Vásquez Medina

Aug. 28—Last June 5, when a contingent of police officers, with explicit orders not to shoot, and armed only with blanks in their weapons, was ordered to unblock a side street that had been taken over by locals from the Bagua Grande neighborhood, the regional news station La Voz de Bagua broadcast the following lie: that what happened next was a genocide committed against the Indians by the police.

This was one of a number of criminal acts of incitement to riot with which the network of NGOs and media, financed by international drug-trafficker and speculator George Soros, succeeded in setting off a wildfire that month, in the Peruvian jungle, where Bagua is located; the fire caused the death of more than 50 people, including 25 policemen (some of whom were actually assassinated by bow and arrow!).

La Voz de Bagua is the most powerful radio station in the area, and is financially backed by the Legal Defense Institute, an NGO which, in turn, operates with the economic assistance of Soros. Soros also finances the National Coordinator of Radio Stations, a vast radio broadcast network that covers the entire interior of Peru (with nearly 50 radio stations and 27 other media), and which has a greater ability to mobilize than the government itself. The web page of this network (www.cnr.org.pe) advertises its financial connection to Soros Open Society right on its home page.

The involvement of the sinister Soros in the recent bloody uprisings in Bagua has been so scandalous, that on June 16, Congressman Alvaro Gutiérrez, the second vice president of the Congress, gave a press conference in the halls of the legislature, at which he denounced an international conspiracy against the democracy and state of law in Peru, in which certain NGOs are involved, which are promoting acts of violence in the jungle. He therefore called on the Executive power to conduct the most complete investigation into this subversive escalation. Gutiérrez added: the NGOs that are

active in the jungle are financed by the Soros foundation, the Open Society Institute (OSI). The Congressman also named the NGOs: Amazon Watch, Aidesep (Inter-ethnic Association for the Development of the Peruvian Jungle), the Pro-Human Rights Association (APRODEH), the Legal Defense Institute (IDL), and the Andean Commission of Jurists, among others.

Speaking to both the national and international press, Gutiérrez specified that, according to the U.S. magazine *Executive Intelligence Review*, Soros is financing human rights NGOs, for the purpose of using them as smokescreens through which to seize the natural resources of targetted countries. The Congressman concluded by saying that the only winner from the violence is Soros, who, in his zeal to impose the legalization of drugs, is encouraging chaos through which to seek the overthrow of democratic governments.

Soros's Goal: Legalize Drugs; Stop Development

For more than three decades, the financial oligarchy—through its front man Soros—has channeled money to NGOs to promote the legalization of drugs throughout the continent. The Andean Commission of Jurists, an institution created by the British Intelligence Service MI6, has been key in carrying out Soros's plans on the continent. Between 1980 and 1990, the Commission was the main source of funding to the coca-growing movements, and helped promote the political career of Bolivian President Evo Morales, then a leader of the coca-growers, who came out of the ranks of the Bolivian Socialist Falange, a fascist party founded in 1937. One of the main objectives of the Morales Presidency has been the legalization of coca cultivation, which is in the interest of the multinational drug and money mafia.

In recent weeks, there has been a flood of arguments pouring out in favor of drug legalization, and to dis-



UN Photo/Eskinder Debebe

The involvement of the sinister George Soros in the recent bloody uprisings in Bagua, has prompted Congressman Alvaro Gutiérrez to denounce an international conspiracy against Peru by Soros-backed NGOs. Soros, shown here, at the UN in 2006.

credit any effort to stop the drug trade. The buzzword phrase “harm reduction,” has also been bandied about. In Buenos Aires, the First Latin American Conference on Drug Policy, based on precisely this argument, was just held. It comes as no surprise, of course, that this event was financed by Soros’s OSI and the British government. But, as is already clear, the true objective of these campaigns is to block any action that threatens the drug trade, and to preserve the Amazon as free territory for the drug-trafficking mafia.

Dope, Inc. Wants the Amazon

This intention was blatantly declared by Ricardo Soberón, another Soros employee, in an article entitled, “Peruvian Amazon: war for resources and against drugs,” published June 22 on the website of the Transnational Institute, an organization itself financed by Soros Open Society. In that article, Soberón argues that, behind the war on drugs, which he condemns, is the plan to *rearrange the Amazon territory at the will of*

companies, conglomerates, and megaprojects. In fact, a gigantic effort, to be carried out by Brazil and Peru, is already underway, to electrify the Amazon with a network of hydroelectric projects. The construction will begin in Peru, and will enable the electrification of the entire Brazilian West with the production of more than 30,000 megawatts. According to this Soros employee, this must stop immediately, leaving the jungle as it is, or better stated, handed over in its entirety to the cartels, as is already in fact occurring.

His hatred of development, and of the great infrastructure projects linking Brazil and Peru, has led Soberón to attack the Initiative for the Integration of South American Regional Infrastructure (IIRSA), intended to join the Atlantic to the Pacific through river and land corridors. Despite the previous Soros-controlled Peruvian governments of Valentín Paniagua and Alejandro Toledo, there have been advances in the integration efforts between Peru and Brazil, in particular, for example, the use by Peru of the Amazon Vigilance System (SIVAM); the construction of inter-ocean highways within the framework of IIRSA; and the construction of six hydroelectric plants in the high Peruvian jungle, to provide cheap energy to the Brazilian border states of Acre and Rondonia.

The development of the Amazon is key to the future of Peru, and that is why integration with Brazil cannot be postponed. But today, thanks to the permissive policies put in place by Toledo (whose administration, from the very beginning, was run by Soros people like Diego García Sayán and Hugo Cabieses, among others), Peru today is on the verge of becoming a narco-state. A large portion of Peruvian territory is already in the hands of the drug mafias.

Since the fall of the Fujimori government in 2000, the production of coca has more than doubled. Today, Peru produces and exports cocaine; and all the analysts are warning that in two to three years, Peru could become the world’s leading producer of coca and cocaine. According to recent reports by DEVIDA, the office in charge of fighting drugs in Peru, the drug trade is today by far the biggest income producer in the Peruvian economy, and significantly surpasses any other productive sector, representing nearly 18% of the GNP, as compared to 16% represented by all legal manufacturing combined. Today, the drug trade accounts for more than \$22 billion a year, while in 2000, it was only valued at \$8 billion a year, thus, nearly tripling in less than ten years!

Will the Youth of the Americas Be Spaced Out, or Space Pioneers?

by Gretchen Small

Aug. 28—If current policy trends continue, the youth of the Americas, such of them that manage to survive, stand condemned to a life of servitude under the drug trade which is extending its death-grip into every corner of the region with frightening speed.

Are we not human? Are we not capable of offering them, instead, the expectation that they shall become the scientists, the engineers, the skilled assistants busily working the moon, as humanity prepares to head towards Mars, and the Solar System beyond?

The capitulation last week, as the Obama Administration stood quiescently by, of two of the region's once-most-advanced nations, Mexico and Argentina, to Dope, Inc.'s "lead or silver"-enforced demand that drug consumption be legalized, makes brutally clear the choice of futures before the peoples of the Americas.

Ironically, that very same week, a wave of excitement swept Mexico, that among the seven astronauts scheduled to fly on NASA's next space shuttle mission, is first-generation Mexican-American, José Hernández.

Hernández was born in California to Mexican parents who were migrant agricultural laborers. As a young boy, he split the year between his parents' home town, La Piedad, in the Mexican state of Michoacán, and working the harvests from southern to northern California with the rest of his family. His parents eventually settled in California, so that their children could stay in one school, become educated, and have a future.

Ever since NASA accepted him into the astronaut program in 2004, a goal he had sought for 12 years, Hernández has set out to tell his story to youth in the United States, Mexico, and the rest of Ibero-America, to inspire them to accomplish great things, as Costa Rican-born astronaut Franklin Chang-Díaz had inspired him as a boy.

Hernández has also enthusiastically thrown his support behind the long-fought campaign to create a

Mexican Space Agency (AEXA), through which Mexico can join other nations in exploring our universe. His efforts included testifying before the Mexican Senate Science and Technology Committee when it was considering the bill to create AEXA in September 2008, urging the Senators to "make history" for Mexico.

The Senate voted, unanimously, in November 2008, to pass the bill. Two obstacles to AEXA's creation remain. First, the Chamber of Deputies, which voted up a draft bill in 2006, must now approve the Senate version. And then, the Federal government must agree to promulgate the law, and fund the project. Many in Mexico's scientific community are mobilizing for the Chamber of Deputies to vote on the bill before the end of 2009.

When President Felipe Calderón called Hernández this past Aug. 22 to wish him well on his upcoming flight, Hernández used the occasion to press the Mexican President to support AEXA's creation. He briefed Calderón on the status of the bill, argued the agency's importance for the future of Mexico, and told him flat-out that Mexico could be assured that NASA would designate him as a liaison, to help in any way they needed, should the agency be created. He was very insistent, even as Calderón said "Yes, yes, but we have an economic crisis," that a space agency is an economic asset to a nation, its technological development, and its private sector.

"I believe this is a good initiative which can create opportunities for our talented youth, keeping them from going abroad to develop their careers.... We are going to run out of natural resources, and we have to begin to invest in our intellectual resources," Hernández told the President.

The exchange was reported excitedly across the country. "We Will Have a Mexican NASA!" a thrilled Veracruz media headlined its report.

Up Against the Bestialists

The British Empire would not have it so.

One day after Hernández and Calderón spoke, *El Universal* reported that, according to the U.S. Drug Enforcement Administration, 30% of all methamphetamine consumed in the U.S. today is produced in Michoacán—the very state which produced the outstanding Hernández family. The Mexican daily noted that the meth “chemists,” or cooks, in that state are all in their early 20s. They don’t know any chemistry; they just follow simple instructions passed on by more experienced cooks. They are paid more than the “mules” (who carry the drugs), but it is a very risky business: There are regular explosions, burns, death from the vapors of the chemical precursors, etc.

Michoacán is one of the five poorest states in Mexico—of its 4 million inhabitants, 1.5 million (38%) live in poverty, of whom 600,000 (15%) live in extreme poverty, that is, they don’t have enough to eat. But it is not poverty alone, but cartel terror, which drives people into such slavery. As a 23-year-old cook told *El Universal*: “People are really screwed; they no longer go over the border, so what’s left? If you stay, you have to pay ‘The Family’ or other cartels almost just to live; so better let them pay you, than to die screwed.”

Two days before the Calderón-Hernández conversation, the Calderón government committed the potentially fatal error of capitulating to the chief drug-pusher of the British Empire, George Soros, promulgating, after months of stalling, the so-called “narco-retail” law, which decriminalizes “personal consumption” of seven different flavors of narcotics (from marijuana to LSD). The government’s insistence that the law, passed by both chambers of Congress in the last week of April, and now finally approved by President Calderón, is not “legalization,” but strengthens the government’s ability to prosecute small retailers, and beefs up treatment, is laughable: People caught with 2 grams of opium, 50 mg of heroin, 5 g of marijuana, 500 mg of cocaine, 0.015 mg of LSD, or 40 mg of methamphetamines, Ecstasy, or the psychedelic/stimulant MDA, cannot be touched, if they claim it’s for “personal use.”

Five days later, on Aug. 25, Argentina’s Supreme Court followed suit, voting unanimously that it is unconstitutional to criminalize possession of small quantities of drugs for personal use. The ruling clears the way for the immediate introduction into the Argentine

Congress of the drug legalization law that Soros’s agents have ready and waiting. This, in the country which already is the second largest consumer of cocaine in South America.

This, also, in the country which, along with Brazil, for decades had the most advanced nuclear and aerospace capabilities on the continent, carrying out world-class research and technological development. But under globalization, much of Argentina’s capabilities was destroyed, in some cases literally taken apart piece by piece; many of its scientists were driven out of the country. Had that Dark Age destruction not occurred, Britain’s Dope, Inc. would not be chuckling that Argentina will soon find itself fighting for its life, as Mexico is today.

Soros’s pushers are crowing—and intent on forcing other governments to capitulate next. “The global consensus on drug policy is cracking,” the head of the Global Drug Policy Program at Soros’s Open Society Institute, Kasia Malinowska-Sempruch, chortled.

Decisive in this Dope, Inc. victory, is the failure of the Obama Administration to step in to defend these nations from Soros’s blackmail. As Allen St. Pierre of the National Organization for Reform of Marijuana Laws (NORML) told *Time* magazine, since the Obama Administration did not condemn Mexico for decriminalizing drugs, other governments in the region may now be bolder in promoting similar legislation. *Time* adds that many governments see the “guarded” U.S. response to Mexico “as evidence that Washington is finally reconsidering its confrontational war on drugs, four decades after Nixon declared it.”

Praising the Mexican law as “a step in the right direction,” Soros’s main-line man, Drug Policy Alliance executive director Ethan Needleman, on Aug. 21, demanded that the United States turn its children over to the mercies of drug traffickers next, proclaiming that “it’s time for the United States to do the same.”

What Does It Mean To Be Human?

With the peoples and governments of much of the region accepting their enemy’s lie, that they must “learn to live with the dope trade,” the drug trade stands on the brink of seizing full control of the Americas. Yet, notwithstanding the best efforts of such Soros agents as the disgusting former Brazilian President Fernando Henrique Cardoso, to promote Jeremy Bentham’s view that human beings are naturally perverse, resistance to bestialization has yet to be totally crushed.

Drugs are “synonymous with death.... Drugs are an evil, and you don’t make concessions to evil,” the Argentine Catholic Church’s Pastoral Commission on Drug Dependence stated, in response to the Supreme Court’s April 25 ruling. While the spirit of the Court’s ruling, not to criminalize the addict, is understandable, “it’s not by facilitating consumption, or making something that is bad appear good, that we’re going to deal with this growing plague of drugs, particularly among our youth,” the Pastoral Commission stated.

What drives youth to consume drugs? “These are issues no one wants to touch,” a member of a Catholic Church group working in the Buenos Aires’s slums, Father Pablo Osow, stated. What about education, jobs, and health care? Rather than address causes, the Court is discussing consequences, abandoning the addict. “How are slum kids now supposed to interpret the statement that possession for personal consumption is legal?”

The statement from Father Osow’s group, that slum youth “don’t live; they only survive,” points in the direction required to rescue the region from the pessimism of capitulation. Victory requires unleashing the far more powerful forces of human creativity and goodness. The youth of the hemisphere (as all the other youth of the world!) must be given the opportunity *to live as human beings*; that is, to participate in changing and improving the universe. Today, that means, as U.S. statesman Lyndon LaRouche is emphasizing, moving out into the heavens, getting started on colonizing our Solar System.

The LaRouche movement, the only political force in the region which identified the drug legalization drive as the central thrust of Britain’s New Opium War against the Americas, is now stepping forward—notably its Youth Movement—to catalyze a continental movement prepared to fight for the nations of Ibero-America to take their rightful place in humanity’s exploration of the heavens. Only the concept of participating in this global mission, as the cornerstone of the new international credit system among sovereign nations re-



NASA/Johnson Space Center

NASA astronaut José Hernández, a first-generation Mexican-American, is determined to help Mexico start its own space program, “which can create opportunities for our talented youth.”

quired for humanity’s survival, has the power to spark the optimism required for victory.

From its inception decades ago, the space program has demonstrated its power to uplift the minds and unleash the imaginations of people around our globe. The fortuitous participation of José Hernández in the next shuttle mission offers a wonderful opportunity to counterattack the drug-pushing advocates of the new Dark Age. Already, before lift-off has even occurred, children throughout Ibero-America have been sending questions to be answered by Hernández and the other Spanish-speaking astronaut on this shuttle mission, Danny Olivas, during their flight.

Hernández, like the other astronauts on the next mission, was asked in pre-flight interviews available on NASA’s website: “How do you imagine the Space Station’s importance will be characterized in humankind’s history some years from now, centuries from now, when people routinely travel back and forth between Earth and other worlds, based in part on the work that’s being done on the space station right now?”

After citing the economic benefits and improvement of life on Earth generated by the space program, Hernández addressed the deeper question of human identity evoked by the space program. This is the reason the space program, uniquely, is capable of sparking the optimism needed to mobilize people and governments to rise up against the drug trade, even at this late hour:

“As humans, you know, space exploration is in our blood. We have to give thanks to our ancestors who had the courage to cross the Atlantic Ocean and find a new world. We have to give thanks to our ancestors who pressed [across] the West and across the plains to make a better life for themselves and for us now. And so we owe that to our future generations, as well as saying, ‘Hey, we already know the world is round and we’ve explored every nook and cranny of the world, you know.’

“It’s time that we start exploring other worlds. And future generations are going to thank us for it.”

Letter to the Editor

Beware of British Historical Minefields

Dean Andromidas's article, "When Americans Fought for Iran's Sovereignty," EIR, Aug. 21, provoked this response from Iranian historian Pirouz Mojtahed-zahed. We publish it in full (subheads have been added), in the interest of broad discussion of the important events that were the subject of Andromidas's piece. Additional contributions are welcome.

To the Editor:

Having read Dean Andromidas's article on the historical background to the role of British Imperialism in the embryonic stages of emergence of U.S.-Iranian relations, I thought this letter might be of some use to your readers in better understanding that history.

My first comment after reading the article has to be confirmation of the fact that it is a very well written and useful assessment of the role Morgan Shuster played in Iran's recent political history, and the author has indeed succeeded in highlighting the way agents of the British Empire of India worked to sabotage U.S.-Iranian relations in late 19th and early 20th centuries. Indeed, he has diligently portrayed Morgan Shuster's story as an excellent example of this.

I also conclude that the good intentions by both the Iranian and American sides, to start their relationship in the second half of the 19th Century, need to be further explored, and that if they had not been sabotaged by the British, how differently Iran would have fared, through its constitutional movements towards a real democracy. This, as an alternative foreign policy, could have helped Iranians to overcome some aspects of the harm they were subjected to by the Anglo-Russian Great Game of colonization of Greater Iran (which included all of Central Asia, the Caucasus, Greater Khorasan, and Baluchistan, at the time, which was known as the Persian Empire, or what was left of it).

Unfortunately such studies are not welcome in Iran today, not only because of the way the British influenced a perversion in the Iranian way of reading and



Helene Moeller

Prof. Pirouz Mojtahed-zahed addresses a conference of the Schiller Institute in Kiedrich, Germany, in 2007.

writing about political history of the past two centuries, but also because of the emergence and evolution of America's somewhat negative approach to Iranian politics since the 1970s, as a result of allowing itself to be influenced by a combination of Iran's leftist elements, who wished for a socialist regime for their country, and Zionist misgivings about the role of

the Shah in the Middle East after he declared peace in 1975 with Saddam Hussein, who was considered by Israel as its enemy No. 1 at the time.

Let us not lose sight of the fact that after the Algiers Accord of 1975, the Shah improved relations with the Arabs to an unprecedented extent, supporting President Anwar Sadat of Egypt to regain the Sinai Desert from Israel, giving \$300 million of financial aid to President Hafez Assad of Syria, and even \$100 million to Yasser Arafat of Palestine, to the dismay of the Israelis. This combination worked more effectively after the 1979 Islamic Revolution and the sharp elevation of Iran's anti-Zionist stance, which was coupled with hatred for America's unconditional support for Israel's excessive behavior towards Muslims, which, in turn, helped foster the demonization of the U.S.A. in Iranian political culture.

Having said that, I have come across the following points in the article which I think need to be further explored.

1. The Falsification of History

I have to warn readers of Iran's political history of the recent two centuries, to be mindful of the many pitfalls and minefields that have been created by special foreign or domestic political interests. On so many points in this history, falsifications have taken place, to justify the unjustifiable foreign interference in Iran's domestic affairs in that period.

One example is the role the British played in the Court of **Naser ad-Din Shah** [1831-96], in favor of **Amir Kabir** and against **Mirza Agha Khan Nouri**, and at the same time encouraging the falsification of the same episode to introduce Amir Kabir as the hero and Nouri as the villain, simply because the latter seriously

Greater Iran in the 19th Century



Also, the British would not reveal the fact that they hated Reza Shah¹ for having given all his economic concessions for the reconstruction of Iran to the Germans, because of their superior technology, and ignored the British even when they decided to establish university and other modern education in the country, by sending Iranian students to France for training, and hiring French experts to teach Iranians in their own university. The British went as far as to falsify that part of Iranian history, by spreading rumors that they had installed Reza Shah on the Iranian throne, and enticed Iranian historians like Mahmood Mahmoud, whose sympathy for Britain's anti-Pahlavi policies is very well known,

challenged the British colonial strategy of de-Iranization of the Persian Gulf, and defeated British agents in Herat and Bandar Abbas.

Then there was the Anglo-Soviet occupation of Iran during World War II, forcing Iran's head of state, **Reza Shah Pahlavi**, into exile, on the incredible accusation that he sided with Nazi Germany, whereas, in fact, Reza Shah's government had declared impartiality in the war, which provoked the Allied occupation of Iran for the purpose of using the country as a supply route to Russia during that war.

In my vast research into British and Iranian documents hitherto unknown, I have discovered that the British, throughout the 20th Century, kept secret the fact that they were well aware that Reza Shah's admiration for Nazi Germany belonged to the pre-war economic and industrial progress of that country, and his impression of a German geopolitical challenge to the menus of British colonialism—an admiration which was shared by many throughout the world. Nazi Germany became known as an evil force after the start of the Holocaust. In contrast to Reza Shah's declaration of impartiality in the war, the British took great pride in Prime Minister Neville Chamberlain's ability to strike a deal with Hitler, whereby he "brought peace to his country." More recently, it was discovered that Britain's King Edward VIII was actually spying for the Nazis before he was forced to abdicate.

to play down the significance of the fact that they had actually, by the 1919 treaty with Iran, officially undertaken to keep the Qajar dynasty on the Iranian throne, and could not have betrayed the Qajars and their 1919 treaty by replacing the Qajar King with Reza Shah.

In the same way, they encouraged Iranians through their friendly Iranian historians to overlook the fact that their opposition to Pahlavi rule in Iran continued, as they officially declared support for the toppled **Ahmad Shah Qajar** in exile, and brought Prince **Hamid Reza Qajar** to Tehran in 1940, and installed him officially in their Embassy compound, as Iran's new monarch.

2. Ottoman Propaganda

The Ottoman and Pan-Turkic suggestion—that the British, patronized by the Venetian Empire in the late 15th and early 16th centuries, magically influenced political affairs in Asia long before their own emergence as a power, with aspirations beyond their European confines—is as incredible as other political paranoia that Ottoman leaders and historians have argued eternally, first, to justify their own atrocities, especially in Europe, and second, to shift the blame to everybody

1. Reza Shah (1878-1944) was forced to abdicate in 1941 by Britain and the Soviet Union, and was eventually replaced by his son, Mohammad Reza Pahlavi. The latter ruled until the Iranian Revolution of 1979, and died in exile in 1980—ed.

else for their downfall, which resulted from their own political shortcomings.

This incredible scenario can only be the result of total ignorance of the facts: that **Shah Ismail** [1487-1524] came from many generations of Sufis who believed in the formation of a Shi'ite State in Iran, on the basis of the political patterns the Sassanids had evolved in the pre-Islamic period. Thus, when capturing Tabriz in 1501, the 16-year-old crown prince declared himself the embodiment of everything that symbolized being Iranian: e.g., of Afreidun, the founder of the most ancient Iran; Cyrus, the creator of the first state in Iran; Khosro, the just king of the Sassanids; Rostam, the legendary defender of good against evil, according to Mithraism, etc. In short, Ismail had learned about what it was to be Iranian, and how he could re-create Iran after nine centuries of Islamic rule under the Arab Caliphate. This certainly did not occur because the British, who first visited Iran 100 years after Shah Ismail lived, encouraged him to re-create Iran. The Ottomans' scenario emerged only when Iran was perceived as a menace to Ottoman rule over Muslim lands.

3. Amir Kabir vs. Sadr Azam Nouri

Although you suggested that Mirza Taghi Khan Amir Kabir was the first to initiate relations with America [in 1856], you did not mention that his initiative was not seriously pursued, because of his close cooperation with the British at the time. The British were deeply involved in their task of de-Iranization of the Persian Gulf, turning Iran's Arab/Persian tribal dependencies into Arab Emirates, dependent on the British Empire of India, a process that had started with the peace treaty of 1820, which initiated the creation of the Trucial States of the lower Persian Gulf.

Haji Mirza Aghasi, Prime Minister before Amir Kabir, was the first Iranian politician to challenge this colonial strategy, by declaring in 1840, that all ports



Iranian Historical Photographs Gallery

Persian Prime Minister Mirza Taghi Khan Amir Kabir enjoyed British support and friendship.

and islands in the Persian Gulf were Iranian territories. This proclamation indeed slowed down the strategy of de-Iranization of the Persian Gulf, until the British, in 1851, obtained permission from Amir Kabir, Haji Mirza Aghasi's successor, to investigate Iranian vessels in the Persian Gulf, in an effort to combat slavery and piracy—which was their excuse for de-Iranization of the Gulf, by colonizing the entire region. Since Iran was the only actual State in the Persian Gulf at the time, it was important for the British to have some kind of official treaty permission from the Iranian government to justify their activities, in the wake of Haji Mirza Aghasi's official declaration of 1840.

It is of utmost importance to note that, in spite of what the British have put out as the his-

tory of their relations with Iran, and what Iranians inspired by the British way of writing history have disseminated, Amir Kabir not only never challenged British colonization of Iran in the Persian Gulf, but enjoyed British support and friendship, probably because he thought that if he were to challenge the Anglo-Russian interference in the affairs of his country, his reform programs would be stopped. The British went as far as granting him political asylum, to stop his execution by Naser ad-Din Shah, but, by the time asylum was granted, the victim had already been executed.

By contrast, we see in the historical documents, that those who really challenged British colonialism were those whom the British claimed, in their political intrigues with Iranians, to be Amir Kabir's enemies and traitors to Iran: namely, Haji Mirza Aghasi and Mirza Agha Khan Sadr Azam Nouri, who succeeded Amir Kabir as Prime Minister, and staged two wars against British colonial strategy in and around Iran.

In my recent book in Persian (2008) about Sadr Azam Nouri, I introduced a large number of hitherto undiscovered British and Iranian documents, showing how effective was his campaign against the British, especially in his war against British agents in Bandar



British influence in the Court of Naser ad-Din Shah (shown) favored Amir Kabir at the expense of Sadr Azam Nouri—but the latter subsequently waged two wars against British strategic interests.

Abbas (1855) and Herat (1857)—Herat remained loyal to Iran even after the signing of the Paris peace treaty of 1857, until the British helped their stooge **Dust Mohammad Khan** of Kabul to capture it in 1862, which resulted in the re-creation of Afghanistan.

It was in the heat of Mirza Agha Khan Sadr Azam Nouri's campaign against British colonialism that he signed a treaty with the United States, in December 1856, in the hope of bringing a better balance to Iran's foreign relations, just as he signed other treaties in 1857 with Austria, Poland, Sweden, etc., for the same purpose, and went so far as asking the French to establish their specially mandated consulate at Bushehr to rival the British Political Residence there, which was in charge of implementation of all British strategies in the Persian Gulf.

4. Not a 'Buffer State'

The assertion that, like Afghanistan, Iran was seen (by the British) as a buffer state, does not make historical sense, because Afghanistan was part of Iran in the 18th and most of 19th centuries.

In the wake of Nader Shah's assassination in 1747, four of his loyal generals attempted to revitalise his empire, but all that happened was that they divided his empire into four political quarters, each calling his quarter "Iran." One of those generals was **Ahmad Khan (Ahmad Shah) Dorani**, who created what was named, by the British, Afghanistan, in the second half of the 18th Century. There is no evidence that Ahmad Shah wanted to invent Afghanistan, as in all his documents that have come down to us, there is talk of Iran's reunification. It was after the capture of Herat in 1862 by **Dust Mohammad Khan** of Kabul, with the help of the British, that the British gradually fashioned the term Afghanistan, and began to use that territory as their buffer state, in the face of what they claimed to be a Russo-Iranian conspiracy to penetrate India. Thus Iran could not have been seen by the British at that time as a buffer state, like Afghanistan. I have studied these issues and presented full, documented details in my book *Small Players of the Great Game* (London: RoutledgeCurzon, 2004).

5. Efforts Toward Modern Government

In the 19th Century, did the British convince the Shahs of Persia to finance a royal lifestyle? Well, I think this is entirely the case, but that it is overshadowed by the fact that the House of Qajar came to be influenced by the ideas of modernity, as from the time of **Fath-Ali Shah** [1772/3-1834], who gave latitude to the creation of a somewhat modern form of government in Iran, in which a prime minister aided by secretaries would preside over the affairs of the State. It was from then, that Iran's famous Qajari Prime Ministers (Kalantar-e Shirazi, Qaem Maqam Farahani, Haji Mirza Aghasi, Mirza Taghi Khan Amir Kabir, and Mirza Agha Khan Sadr Azam Nouri) appeared on the scene. Though Naser ad-Din Shah executed his prime ministers and got rid of "modern government," politicians of the court (unofficial ministers), influenced by the ideas of European modernity, are said to have encouraged him and his son to visit Europe, in order to learn about the European way of life.

Sincerely yours,

Prof. Pirouz Mojtahedzadeh

Professor of Political Geography and Geopolitics,
Tarbiat Modarres University (Tehran)

Chairman of the Uroseevic Research Foundation of
London

Let's Have a Referendum On the Lisbon Treaty!

by Helga Zepp-LaRouche

Helga Zepp-LaRouche is the candidate for Chancellor of Germany of the Civil Rights Solidarity Movement (BüSo) in the Sept. 27 elections. Her article was translated from German.

Reactions from various quarters to the German Federal Constitutional Court's ruling on the EU's Lisbon Treaty and the accompanying enabling law,¹¹ demonstrate that the opponents of Germany's sovereignty, and its constitution, clearly have no intention of halting their efforts to trample over both. There can only be one response: A referendum must be held on the Lisbon Treaty.

The Karlsruhe-based Constitutional Court's June 30 ruling, which declares that the Lisbon Treaty is in harmony with Germany's Basic Law [its constitution], but only in the court's interpretation issued in this ruling, is an important affirmation of the principle of the national sovereignty of European states—even though, of course, Germany, in fact, has no sovereignty at present—and is a definitive rejection of the idea that the European Union is a federal state. Even more important, is the resounding slap in the face which the Court delivered to the lower and upper houses of parliament, the Bundestag and Bundesrat, both of which, in their vote on the accompanying law, instead of expanding and strengthening their rights, had handed them over, lock, stock, and barrel, to Brussels. Karlsruhe ruled that they acted unconstitutionally, and it mandated a reformulation of the accompanying law, so that it complies with the Karlsruhe Court's 150-page interpretation.

Thus, Germany's highest court has ruled that a law voted up by 515 representatives of the Bundestag—representatives whose most fundamental obligation, according to Article 38 of the Basic Law, is to represent

the people—was unconstitutional. That is truly monstrous. But, has there been any debate on this, or even a single in-depth commentary in the media (our own excepted)? No, nothing. Does that say something about the condition of democracy in Germany? Yes, quite a lot: With their vote, those 515 representatives have made themselves unelectable, one and all, in the eyes of anyone to whom freedom and democracy aren't just empty words.

In the middle of the Summer recess, on Aug. 26, the members of the Bundestag were recalled for a special session, to comply with the government's desire to get the entire matter cleared away quickly, so that it could be a *fait accompli* prior to Ireland's second referendum on the Treaty, on Oct. 3. The Social Democratic Party (SPD) opposed the Christian Social Union's (CSU) attempt to once again simply append to the bill, in the form of an explicit resolution, the Karlsruhe ruling that, in Germany, the Treaty is valid only in the Court's interpretation. Thomas Oppermann, speaker of the SPD Bundestag caucus, joked about CSU head Horst Seehofer's self-degradation from "a Bavarian lion into a European doormat." Which is simply the SPD's way of proclaiming its own transformation from a party of working people, into a party whose concept of the state is best termed "Leviathan."

The European Union, under the Lisbon Treaty, continues to represent the policy of globalized free trade, which has been responsible for today's systemic crisis. As much as the CSU's Peter Gauweiler deserves credit for his constitutional challenge, he is now absurdly participating in the construction of the legend around the CDU and the CSU, by comparing Chancellor Angela Merkel's policy of spending billions of taxpayers' money to finance the banks' financial toxic waste, to former Chancellor Helmut Schmidt's courageous actions in Mogadishu.²² The illusion that Frau Merkel has dealt with the matter competently, and that the crisis is now past, will be extremely short-lived.

Mass-Strike Process in the U.S.A.

If our upcoming government were to react to the mass unemployment and corporate bankruptcies ex-

1. See Helga Zepp-LaRouche, "Pre-emptive Obedience: German Parliament Violates Constitution," *EIR*, July 17, 2009.

2. In late 1977, Palestinian terrorists hijacked a Lufthansa jet and landed in Mogadishu, Somalia. Chancellor Schmidt sent in an anti-terrorist unit which killed three hijackers and freed all hostages unharmed.

pected this Autumn, by attempting to implement massive austerity, then domestic tranquility in Germany will be disrupted just as surely as it already has been shattered in the United States. America is now the scene of a protest movement comparable only to the East German population's uprising in the Autumn of 1989. As then, the U.S. population's long-pent-up dissatisfaction with the government's policies, is coinciding with a state of national bankruptcy.

In the case of the German Democratic Republic, it was the seemingly secondary issue of freedom to travel, which brought the people out onto the streets, just at the point when the G.D.R.'s economy had gone bankrupt.

In the United States, it is people's rage over having to pay for the \$25 trillion bailout of ailing banks—costs which are to be fobbed off onto citizens by cutting health-care expenditures by 30%. Forty-eight of the 50 U.S. states are insolvent, and real unemployment is around 30%; and a large percentage of the unemployed are not receiving any benefits, because of the states' insolvency. This year alone, it is expected that an additional 2.5 million families will lose their homes. Assistance for low-income households has been radically cut, even though these people's very lives depend on those payments.

In the eyes of the American people, the Obama Administration and the U.S. Congress have lost the "mandate of Heaven." The names Larry Summers, Tim Geithner, and Ben Bernanke (whom Obama has just re-appointed as Federal Reserve chairman) stand for the continuation of the Bush Administration's policies. So, now, in hundreds of town meetings, some with up to 3,000 participants, the people are rising up against this policy, and are demonstrating: "We are the people!"

This mass strike in the United States is currently the world's most important political factor. If this protest movement succeeds in driving Wall Street's minions, and health-care economists such as Ezekiel Emanuel and Peter Orszag, out of the Administration, and in putting the policies of Lyndon LaRouche, in the tradition of Franklin D. Roosevelt, onto the agenda, then it will be possible to establish a new financial architecture on the international level. Anyone here in Europe who believes, on the other hand, that Europe will remain unscathed by the U.S. bankruptcy and the collapse of the U.S. dollar, is simply blinded to reality by their own anti-American ideology.

What Will Europe Do?

It ought to be clear that, up to now, no initiatives are to be expected from Europe toward solving the systemic crisis—a crisis which Lothar de Mazière³³ has recognized—so long as Europe's states remain under the Brussels dictatorship. The extent to which the Karlsruhe ruling has become a thorn in the side of that dictatorship, was most recently demonstrated by a memorandum signed by 30 lawyers, demanding that limits be imposed on the Federal Constitutional Court's powers. The fact that Karlsruhe has reserved its right to be the ultimate arbiter on questions of EU policy within Germany, they say, has made a future legal conflict with the European Court of Justice all but inevitable. And therefore, in the event that Karlsruhe were to declare specific EU decisions unconstitutional, there would be a threat from the EU of drastic financial actions.

But it doesn't even occur to the 30 lawyers that the German government would be legally bound by the Karlsruhe decision *not* to permit unconstitutional decisions to reach the European Council in the first place. It is indicative that, among these lawyers, are Professors Ingolf Pernice and Franz Mayer, who had argued the German government's case in favor of the Lisbon Treaty before the Karlsruhe Court. It's quite doubtful that these professors are now acting independently of those who sign their paychecks. Such is the answer, so far, to the Constitutional Court's at least partly good and important ruling!

Considering the fact that Tony Blair, appearing at a conference in Italy of Communion and Liberation (Comunione e Liberazione), attempted to profile himself as *the* Christian politician and the future EU President (but not as inventor of the lies that led to the Iraq War!), then it should be clear that this EU policy is truly a threat to us.

Judging from the behavior of the greater part of the Bundestag and the government, we can draw only one conclusion: We urgently need a referendum on the EU Treaty. Future events will, in any event, make it clear that Germany must assert the right which international law gives it, to withdraw from all EU treaties, because continued acquiescence to neo-liberal policies is incompatible with our nation's fundamental self-interest.

3. Christian Democrat Lothar de Mazière was East Germany's last prime minister. He recently compared the current collapse of global current financial system to communist East Germany's systemic collapse.

The View from the Heavens

A look around the globe, with its devastating economic breakdown and seemingly interminable, brutal wars, can easily bring an individual to the point of despair. There seems to be no way out of the hideous devolution of human civilization, and massive depopulation of the planet, in the very short term.

Yet, just as the horror of the Black Death in Europe of the 14th Century led a small group of scholars to make the intellectual breakthroughs that led to the 15th-Century Italian Renaissance, so, today, the seeming hopelessness of the world situation is provoking leading scientists throughout the world to search for a solution in a new domain—in the heavens.

Already, ten nations—including the four major powers which Lyndon LaRouche has designated as the crucial initiators of a new monetary system—have set up programs for establishing bases on the Moon. Despite the fact that the world financial breakdown is crippling their science efforts, they are keeping the idea alive.

Then, on Aug. 25, at an international aviation and space conference in Moscow, the head of the Moscow office of the U.S. space agency, NASA, Mark Bowman, invited Russia to carry out a joint manned flight to Mars. Bowman, who is also the director for NASA's Human Space Flight Program, said that the flight should be under the control of NASA and the Russian space agency, but with the participation of other nations as well.

Of course, to achieve this objective, Bowman added, it would be necessary to complete the International Space Station (ISS) mission, and to send a manned mission to the Moon, to collect essential scientific and technical information. The ISS already represents a highly successful experi-

ment in peacetime international scientific cooperation, even though it is a far cry from the scope of activity which had been planned many decades ago.

Man's return to space, on a much more ambitious mission than before, would be a most appropriate starting point for bringing civilization out of the current cataclysmic collapse. The United States' abandonment of the commitment to breakthroughs in scientific and industrial progress corresponded almost precisely with the first U.S. Moon landing in 1969. But by that year, the leading financial powers in the U.S. had already abandoned the perspective of using the Moon landing as a launching pad for exploring space; there has been a downward trajectory ever since.

Along with the downgrading of science, there has lawfully followed a degradation of technological progress in all areas essential to a human existence worthy of the dignity of man. Gearing up the space program around manned space flight, would put us back on the upward path, including for solving the seemingly intractable problems of shortages of essential means of life here on Earth.

There is every reason for optimism that this Moon-Mars mission will be adopted by the U.S., Russia, China, and India—and many other nations—thus providing the kind of joint commitment to cooperation and increasing knowledge that is required in many other areas, specifically, the need to dump the bankrupt imperial monetary system, once and for all. A revolutionary mood is growing internationally, against the failed financial order.

The view from the heavens gives us the perspective we need to assert human welfare and intellect, over the grimy obsession with money and other tangible goods. Let's go to Mars!

See LaRouche on Cable TV

INTERNET

- BCAT.TV/BCAT Click BCAT-2 Mon: 10 am (Eastern Time)
- LAROUCHEPUB.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: Daily 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.

Get The LaRouche Connection on your local cable TV system! Call Charles Notley 703-777-9451, Ext. 322. Visit our Website: www.larouchepub.com/tv.

[updated Mar. 2, 2009]

SUBSCRIBE TO

EIR Executive Intelligence Review

EIR Online

EIR

Executive Intelligence Review
June 5, 2009 Vol. 36 No. 22 www.larouchepub.com \$10.00

Zepp-LaRouche Tells Voters, 'Stop Rationing Health Care'
The Substance of Tensors: The Ontological Matter
Matter-Kennedy Alliance Was Killed by the British

**LaRouche: Act Now To Stop
Obama's Nazi Health Plan!**



EIR Online gives subscribers one of the most valuable publications for policymakers—the weekly journal that has established Lyndon LaRouche as the most authoritative economic forecaster in the world today. Through this publication and the sharp interventions of the LaRouche Youth Movement, we are changing politics in Washington, day by day.

EIR Online

Issued every Tuesday, EIR Online includes the entire magazine in PDF form, plus up-to-the-minute world news.



I would like to subscribe to **EIR Online**

(e-mail address must be provided.)

- ☐ **\$360** for one year
☐ **\$180** for six months
☐ **\$120** for four months
☐ **\$90** for three months
☐ **\$60** for two months
- ☐ Send information on receiving **EIR** by mail.

Name _____

Company _____

Address _____

City _____ State _____ Zip _____ Country _____

Phone (_____) _____

E-mail address _____

—EIR Online can be reached at:

www.larouchepub.com/eiw

e-mail: **fulfillment@larouchepub.com**

Call **1-800-278-3135** (toll-free)

I enclose \$ _____ check or money order

Make checks payable to

EIR News Service Inc.

P.O. Box 17390, Washington, D.C. 20041-0390

Please charge my ☐ MasterCard ☐ Visa

Card Number _____

Signature _____

Expiration Date _____