
There is no freedom without freedom to search for truth

Lyndon H. LaRouche, Jr. raises the alarm about the shutdown of private research crucial to defeating AIDS, in a new statement about science policy in the U.S.A.

Today, except, chiefly, for the laboratories of the Switzerland-centered international pharmaceutical giants, much of the private biological research essential to defeating AIDS is being shut down systematically and rapidly inside the United States.

Unless unusually powerful institutions, or the U.S. government itself gives protecting sponsorship to such private research programs, under present trends, most of the still existing smaller private research programs are presently doomed. However, there is the added difficulty, that in the case that the government provides limited sponsorship for some existing programs, research work is regulated by either direct government censorship, or by the threat of cut-off of sponsorship should laboratories report facts, or even follow a line of scientific inquiry which incumbent governmental bureaucratic authorities find displeasing.

Not only is some of the independent research of greatest importance to conquering AIDS suffering in this way. Some of the most important advanced work in physics is suffering in the same way. True scientific freedom is being quietly but systematically crushed out of existence in today's U.S.A.; the day is approaching, in which scientists are not permitted to speak the truth, because they are no longer permitted to discover it. Many of the best laboratories are already on their last legs; only a government-approved, blinkered, and homogenized sort of research will exist if this trend is not halted.

Scientific freedom is like freedom of the press; in both cases, this freedom is limited to those who have the income to maintain their institutions, and the political power to prevent that income from being destroyed by governmental in-

tervention. In science today, the continuing collapse of independent farms and independent industrial entrepreneurship, has concentrated the power to determine what research lives and dies, in the hands of a few powerful international financial cartels and governments. As the continuation of private research depends more and more upon either government funding or at least formal approval by governmental agencies, a Washington bureaucrat can act arbitrarily, even without need of any legislated authority to do so, to order that research he dislikes be shut down.

Although this report is focused upon the issue of scientific freedom, we can not discuss this matter competently without a glance at what is occurring inside leading political parties, both in the United States and in parts of Western Europe. In West Germany, in Britain, and in the U.S.A., among other places, we are now headed rapidly into the kind of fascist form of government which existed in pre-Hitler Austria and Mussolini's Italy, the so-called "corporate state." This is not an exaggeration in the slightest degree; I explain.

The main political impetus for this revival of fascism comes from both Willy Brandt's Socialist International, and inside the U.S.A., from a force tightly integrated with that Socialist International, the social-democratic machinery centered around the League for Industrial Democracy and Lane Kirkland's circles in the leadership of the AFL-CIO. This campaign came to the surface during 1974-76, with the Socialist forces' announcement of what they called "fascism with a human face," and with the Huntington report of the Trilateral Commission. The key facts are presented in *EIR's* Special Report on "Irangate," "Project Democracy: The 'Par-

allel Government' Behind the Iran-Contra Affair."

There is now rapidly in progress, in West Germany, in Britain, and the United States, a process of fusing the leading parties of each nation into what is effectively a one-party state. The "super-Tuesday" primaries, now scheduled for 1988, are a step in this direction.

Since January 1987, former West German Chancellor Helmut Schmidt, for example, has taken a leading role for establishing a coalition of the three great parties of that country into a new coalition government. In Britain, the same tendency is already evident, in the possibility that Britain's Conservative Party might be forced into a coalition government with the trade-union-based successor to the collapsing Labour Party, the Social Democratic Party. Since 1982, with the establishment of the "Irangate"-centered National Endowment for Democracy (NED), the corporate arm behind Lt. Col. Oliver North's Project Democracy accomplices, the leaderships of both Frank Fahrenkopf's Republican Party and Kennedyite Paul Kirk's Democratic Party, is developing, step by step, the preparations for a one-party dictatorship here.

I foresee no immediate prospect of actually dissolving the major parties of West Germany, Britain, and the U.S.A. into a single political party under a single party name. The public is not ready to accept so sudden and overt a development. The immediate danger, is that the collaboration at the top between the two major parties of each country becomes so much integrated, through vehicles such as the social-democratic National Endowment for Democracy, that the two major parties are effectively a national one-party dictatorship at the top, while maintaining competing electoral machines on the state and local levels.

This trend toward such a thinly disguised form of one-party dictatorship is key to understanding the way in which independent scientific research is being strangled to death inside the U.S.A.

I have had the opportunity to study rather closely the conditions of research under Mussolini's fascist regime. The horror stories I have learned from the mouths and documents of some prominent Italian scientists who worked during Mussolini's regime are all the more horrifying, because they are an echo of what is happening to scientific research in the United States today.

For example, during World War II, Britain's Spitfires and Hurricanes used to use the Italian air force for turkey-shoots. The basic Italian fighter plane was a biplane armed with two synchronized machine-guns, firing through the plane's single propeller. Italy's airframe designs of the 1920s and 1930s were the best in the world, as typified by a famous early 1930s seaplane, the fastest propeller aircraft ever flown to the present day, and built around the most sophisticated power-plant design ever flown for a piston-powered propeller aircraft. Italy was the first nation to produce, during the mid-1930s a supersonic wind-tunnel, and to work on problems of



The author addressing a conference on AIDS in Italy, in February 1987.

design of supersonic aircraft. The Italian combat biplane was perhaps the best fighter of its type at the time it was developed, on the basis of 1920s designs! During the war, Italy designed and produced one of the world's best fighters, but produced a total of about 35 of them! In other aircraft designs, for combat and other purposes, Italy produced some of the best in the world, but usually about one such operational prototype!

Italy was unable to design suitable engines for its aircraft. It relied on German engine designs, because Italy lacked the relevant investment in metallurgy and so forth, to develop needed engine-designs. Mussolini was a first-rank faker, personally. Having only 15 fighter-planes of a certain modern design, he would have these 15 fly from base to base, ahead of the visiting foreign and other parties to whom he exhibited his powerful, modern air force.

Fascist Italy inherited from the mid-19th century circles of Cavour one of the world's greatest scientific potentials in electronics, hydrodynamics, and aerodynamics. Some of Italy's economic and military circles fought hard to maintain the bare existence of this inherited potential, and a significant sampling of this scientific capability survived under the somewhat reluctant, penny-pinching patronage of the fascist state, much as Adolf Hitler despised and cut back Peenemünde until defeats of 1942 and 1943 prompted the fascist

dictator to scrape around for so-called "wonder weapons."

The social-democracy, together with its coalitions of the National Endowment for Democracy type, have the same policy toward economic development and scientific research today, as Italy had under the Mussolini from which the social-democracy today copies much of its "neo-corporatist" fascism. The direction in research policy of practice in the United States today, is shifting rapidly toward the kinds of conditions characteristic of 1930s Italy.

The foreseeable direction is this. First, cut back on inde-

pendent research, limiting it to the internal research programs of a few international financial cartels plus government-controlled research. University research would be cut back essentially to that backed by government or major financial cartels. Second, in the name of budgetary cut-backs, cut back on government-approved research programs. Then, we have conditions like those in Mussolini's fascist Italy, or even worse.

AIDS, for example

Under those conditions, a cure for AIDS could never be expected in the West; if that were the case, sometime during the first half of the next century, the United States could be among the nations which had vanished from the map, as biologically extinct.

My associates and I have been coordinating international research activities around AIDS since early 1985, bringing together experts from various relevant scientific specialties, accelerating the international transmission of relevant information among some of the world's leading specialists, and convening conferences and seminars around the presentations and round-table discussions among such specialists. Consequently, my associates and I have been one or two years ahead of most government-backed statements on the nature and transmission of AIDS. For example, much of what my associates and I warned during the period from spring 1985 through November 1986, is presently being reluctantly admitted to be true by a growing number of governmental and other authoritative institutions.

The nature of, and cure for AIDS could not be discovered, except almost accidentally, without intensive and massive research into what is called the "non-linear spectroscopy of the mitotic process." Since AIDS buries itself in the chromosomes of the infected tissues, the infection reproduces itself in the normal process of reproduction of those infected tissues, and breaks out from those infected cells' chromosomes into the system, under conditions which are known to occur, but which are not yet adequately understood. If we are to dig out and destroy this infection, without also destroying the infected tissue, we must trap and destroy the AIDS component of genetic material during the mitotic process, thus causing the tissue to return to an uninfected state.

The AIDS-infection process has some analogies to viral cancer, but AIDS functions in a way directly opposite to the behavior of the cancer process. Human AIDS is a new kind of disease-problem, and demands a new kind of solution, and a correspondingly new kind of understanding of the mitotic process.

This needed understanding of the mitotic process and related biological events, can not be accomplished through medical research. Medical research is necessary for certain aspects of investigation and ameliorative treatments, but defeating AIDS lies in the domain of the research biologist, not the customary range of practice of the physician. Medical



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practice, as narrowly defined, knows little more than the pathologist reports from the autopsies of deceased AIDS carriers.

Investigation of the mitotic process demands research instruments which can detect, record, and process information respecting such events as the emission of a single quantum-pulse of some frequency of ultraviolet emission from a DNA molecule in certain of its modes. It must trace the way in which various such small electromagnetic emissions, over an entire range inclusive of relevant frequencies, are assimilated or generated by various components of the mitotic process, and in the state of cells prior to, during, and following the events presently associated with mitosis as narrowly defined.

Prototypes of such instruments exist. New work, to develop such kinds of instruments in ways needed, is on the drawing boards, but funding is essentially cut off by the bureaucracy. Meanwhile, the most promising laboratory research work, in Italy, Germany, France, and the United States hangs by a fragile thread. In the United States, these are precisely the lines of independent research now being cut back most savagely.

The specific attacks on independent AIDS and related kinds of research are coming from two sources, governments and the homosexual AIDS lobby organizations typified by the late Terry Dolan's "conservative" NCPAC lobby, including the AIDS lobby operating through the office of New York State Attorney General Robert Abrams. Governments argue, as U.S. Surgeon General C. Everett Koop has repeatedly, that the necessary public health and other measures required for halting the spread of AIDs are "cost-prohibitive," and that therefore governments must lie about AIDS, to prevent the public from being "panicked" into demanding the necessary, costly actions. The homosexual and pro-drug lobbies argue, that allowing the truth about AIDS to be known, would result in measures which cut back severely upon the influence of homosexuals and drug-users in government and other institutions. Therefore, these combined interests are lying their heads off about AIDS, and are moving in to cut back on any independent research, whose reports are not under censorship by government, to prevent the truth from leaking out through independently authoritative researchers.

The hysterical efforts of governments and certain lobbies, to suppress presentation of evidence on the true nature of the AIDS pandemic, and of means to check the spread of that infection, are to be seen as an extension of the earlier policy-influence of the malthusian and countercultural lobbies on governments' policy-making.

Although the beginnings of the present-day malthusian and countercultural movements were established during earlier periods, these influences began to take over the policies of the governments of the United States and other nations, beginning the 1963-66 period, an influence which accelerated at a rapid pace as the relics of the 1960s anti-war move-

ments were steered into forming the activist hard core of the left-liberal anti-nuclear, anti-technology movements. During the 1977-81 period, as marked by the role of James R. Schlesinger in that administration, the anti-energy, anti-technology policies of the so-called "neo-malthusian environmentalists" were consolidated as the policy of the United States' federal and many local governments.

The gutting of U.S. biological research began during the 1969-72 period, through National Security Adviser Henry A. Kissinger's role in the negotiation of the Soviet anti-biological-warfare agreements. Since the "biological agents" component of biological warfare are by-products of the same research required to develop better defenses of the public against new and old types of infectious diseases, the implementation of this U.S. agreement with Moscow meant that Moscow, as usual, stepped up its work in developing biological-warfare agents, while the U.S. cut back drastically, not only on study of biological agents of warfare (and countermeasures against newly developed Soviet agents of this kind), but also cut deeply into the research needed simply for civilian populations' defense against new and old varieties of epidemic diseases. Thus, cutbacks hurt us badly as soon as the AIDS pandemic presented urgent needs for accelerated biological research.

The developments of this kind, over the 1970s and early 1980s, coincided with effects of lowered real incomes of independent farmers, industrial corporations, and persons in the U.S. and Western Europe. Reduced incomes meant cutting back on normal levels of spending for maintenance, and cutbacks in most research programs. The lack of tax-incentives to promote private research and development, and lack of credit at reasonable borrowing-costs for this purpose, ensured such cutbacks. Also, trends in legislation and court decisions make all research and development an increasingly risky venture.

The actions of government and others, to wipe out whole sectors of biological research, just at the time the AIDS crisis makes this research desperately urgent, is to be seen, at least in large part, as a reflection of a continuing anti-science and anti-technology trend since about 1967.

Relationship to freedom in general

A culture which is oriented to scientific and technological progress is a rational culture. Such a culture is devoted to discovering God's lawful ordering of nature and living processes, and to making decisions consistent with those discoveries. This pro-science cultural outlook, encourages members of that society to view all persons as equal under God's universal justice, and prompts us to recognize that man-made constitutions, legislative acts, and decisions by judges, are of inferior authority relative to a rational comprehension of God's natural law.

The notion that the nation is obliged to promote the general welfare for all sections of the population and their pos-

terities in a rational way, consistent with God's law, and that no man or woman must be judged in legal or related actions except in a rational way consistent with our best knowledge of God's law. This is the foundation of a durable system of political freedom in general.

When that standpoint is rejected, in favor of an anti-scientific "back to nature" policy, such as the Nazis' "back to nature" cult-dogmas, irrationality prevails, and justice must soon vanish, as it did under the Nazis. The arbitrary will of any merely momentary, irrationalist majority, or a powerful such minority, replaces rational conceptions of law and personal political freedom. Since opinion is no longer subjected to scientific standards of proof, any opinion becomes law, simply because it is the momentarily chosen opinion of a majority or of a powerful minority.

For example, the AIDS lobby today insists, first, that AIDS is a venereal disease, spread either by sex or by direct transmission of contaminated blood. So, official doctrine applies to AIDS the same classification, "casual contact," which public health law earlier reserved for use only in the case of venereal diseases (e.g., the so-called "one-night stand.") Medical science and biological research show that AIDS is not a venereal disease, but a blood disease carried in various kinds of human secretions, including tears and saliva. Indeed, so far, the concentration of AIDS virus in saliva, among AIDS carriers, is far greater than in semen, indicating

that biting and kissing might prove to be more likely modes of transmission than normal sexual intercourse!

In the instance of most of the popularized assertions by the AIDS lobby and governmental agencies, assertions about AIDS are based chiefly on mere assertions of fact, without any supporting evidence from biological research. Indeed, generally, governments do not organize any of the often elementary biological research studies which would show, more or less conclusively, what the true facts of these matters are. Government refuses to back research which would settle such questions, and then insists, like the person asking clemency, as an orphan, when accused of murdering his parents, that there is no scientific evidence existing to refute the government's bald, unsupported assertion!

In a rational society, truth is not forced to the surface by mere debating of opinions. Truth is established by rigorous scientific investigation, a truth which may be different than any of the popular or official opinions offered. Thus, science may show that the judgment of a handful of persons is nearest to the truth, and all contrary, popular and official, opinion factually absurd. It is the right of the individual to stand up for truth, even alone, and to be judged by scientific truth, rather than prevailing opinion, which is the bed-rock of the principle of individual political freedom.

We have seen, often enough, in the past, how a radical democracy leads inevitably to the most tyrannical forms of dictatorship. The famous case of the Trial of Socrates is the model example of this. The case of the French Jacobins is a more recent famous example. Neither true individual freedom, nor a commitment to rigorous scientific inquiry, can be durable, unless each exist to support the other reciprocally.

We have come into a time, in our nation's history, in which the irrational, merely "felt" opinion of a liberal-radical pressure group has enjoyed the authority of a legal fact, even in the most outrageous opposition to readily verifiable scientific fact. This tyranny of irrational, merely "felt" opinion, is destroying our society, and threatens, at least, to bring our nation to biological extinction, in the instance of the AIDS pandemic.

In these respects, the interdependency of scientific freedom and individual political freedom is vastly greater than the connection to so-called freedom of the press. Any extensive cutback on independent scientific research, portends a society which is turning its back on scientific freedom, and thus also individual freedom, and is thus a society on its way to becoming the kind of tyranny which the social-democrats' fascist impulses toward "neo-corporatism" are pushing Western civilization to become.

This same connection functions in a complementary way.

The material well-being, and life-expectancies of persons generally, depends absolutely on scientific and technological progress. If we turn away from the course of fostering of technological progress in employment for the production of physical goods, the real incomes of society must fall after a



NSIPS/Smart Lewis

Henry A. Kissinger's role in negotiating anti-biological warfare agreements with the Soviets in the 1969-72 period, began the gutting of U.S. biological research.



NSIPS/Stuart K. Lewis

A father and son study an advanced helicopter at an airshow in Virginia, 1986. A culture which is oriented to scientific and technological progress is a rational culture.

relatively short span of a decade or more. This was what caused the fall of Rome, and also the fall of Byzantium after it. Both empires, and others as well, fell because the levels of populations fell under what we must regard retrospectively, today, as malthusian policies of practice.

The effect of the fall of rates of real incomes, and of technologically progressive modes of investment in employment for production of physical goods, has brought about increasing rates of austerity in most of the world. The argument of the pro-fascist leaders among social-democrats today, is that a form of corporatism modeled upon the 1920s-30s models of fascist Austria and fascist Italy, must be established as a mechanism for inducing populations to adopt, democratically, the forms of cuts in living-standards and political freedoms "made necessary" by the progress of a "post-industrial society." Minus the term "post-industrial society," this was the same argument used by the fascists of Austria, Italy, and Germany, during the 1920s and 1930s.

Political freedom requires that the needs of the populations be met. If existing production is not sufficient to do this, scientific progress, in the form of technological advances, will increase the quality and quantity of the productive powers of labor to produce sufficient amounts.

Today, at present rates of spread of the AIDS infection, even if reasonable public-health standards are belatedly implemented, and even if biological research is expanded to produce a cure within about ten years, the cost of AIDS may run as high as 20% of gross national incomes of industrialized

nations, much larger than today's U.S. defense expenditure. Unless we intend to put AIDS carriers in death-camp-like hospices, or allow physicians and nurses to "terminate" them with cost-saving lethal injections, the costs of quarantining infected persons in a manner consistent with our moral standards of care for the ill, and treating their sicknesses as best we may be able to do so, will require many tens of billions of 1987 dollars annually, at some point during the 1990s. Those are our alternatives. There are no others, unless we are prepared to let the United States vanish from the map by biological extinction.

To meet those and other urgent needs, we must increase our productivity by very large amounts. This can not be done without high rates of investment of advanced technologies in workplaces, and the needed technological progress will not be available—nor will a cure for AIDS—without greatly expanded scientific research.

Science, AIDS, economy, and individual freedom

Although many scientists and engineering-trained production managers have a good rule-of-thumb understanding of the functional relationship between scientific research and technological progress, this connection is unknown in the vocabulary of most among today's leading economists, as well as economics ideologues generally.

Working backward from industrial production, new technologies are transmitted to production chiefly through im-

proved machine-tools and similar kinds of capital goods. These improved machine-tools are developed in an imitation of the way the research scientist works with his instrument-builders to construct an experimental apparatus. Working forward, from scientific research, the rapid transfer of knowledge from successful work with such experimental apparatus, to the new designs of the machine-tool builders, is the chief pathway through which scientific progress becomes general technological progress.

Generally, effective scientific work is highly individualistic. No matter how much a scientist depends upon scientific

communications and direct collaboration with co-workers, the hypotheses which led to scientific progress, are, in each case, either the work of an individual mind, or close interaction among a few scientific collaborators. Similarly, the effective machine-tool-builder's shop is either a small enterprise, or an element within a large enterprise, to which element prudent corporate managements afford a very wide latitude of decentralized, independent decision-making on development of new product lines. In both cases, it is the independence of the individual or small group of specialists which promotes the highest average rate of effective devel-

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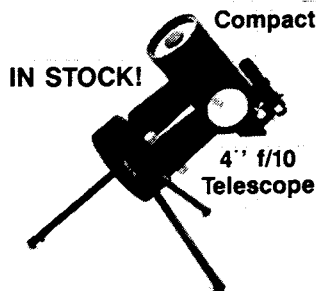


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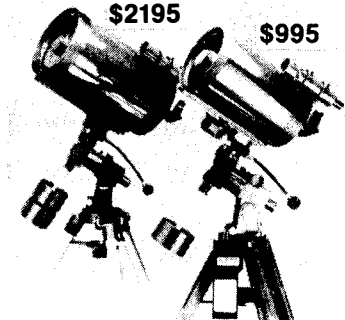
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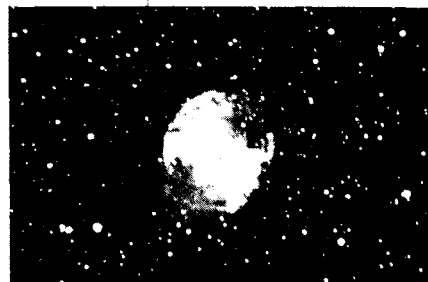


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opment. Bureaucratic overview, and related sorts of overreaching pre-judgment of innovative work, usually result in a minimum of genuine, effective innovation.

Scientific work may be fairly described philosophically, as the interaction between freedom and necessity. Necessity is a matter of scientific method, combined with knowledge of the lawful ordering of the universe up to that point. True individual freedom in science, is expressed by innovations which tend to overturn previously established opinions about necessity, but are innovations which prove to be consistent with a broader grasp of what is lawfully necessary in God's universe. In other words, what science believes at any point is imperfect, although at that time nothing less imperfect than present science might be known. The object of research is to render science's knowledge for practice less imperfect, by noting something outside the present limits of knowledge which leads us to a less-imperfect comprehension of what the laws of the universe define as necessary.

Bureaucracy overemphasizes old habituated ideas of necessity, usually on the level of the lowest common denominator of bureaucratic opinion about science. Bureaucracy and science are incompatibles; the former stifles the freedom on which the existence of the latter depends.

Therefore, let all men of conscience rally to the cause of those often small, independent institutions of scientific re-

search. Let us preserve, foster, and defend them. Let us work to cause such institutions to proliferate. Let men and women of conscience do so, not only for the sake of science, but also for the sake of political freedom itself. If such a change in direction is not forced through quickly, we shall begin to lose scientific progress, and political freedom as well. As AIDS portends, we could lose not only these most valuable things, but virtually everything.

AIDS is going to become one of the major growth industries of the coming decade, and forms of biological research related to mastering all that pertains to AIDS and its prospective cure is essential. Current estimates are that the AIDS infection doubles its number of victims approximately each eight to twelve months, perhaps faster. New mutations of the infection are appearing. There is absolutely no time to waste.

In this connection, as I have indicated, the spectroscopy of the process of mitosis exemplifies the new directions of biological research without which the prospect of a cure may be virtually non-existent. These branches of research, in addition to their invaluable contribution to the fight against AIDS, have seemingly limitless benefits to offer in many other ways. Let us begin our war to save science and freedom at this immediate rallying point, and then, so rallied, to undertake other urgent, related causes, as our capabilities permit.

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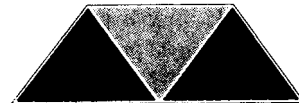
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