

FIGHTING CHANCE

John 8: 31-32

Proverbs 22: 3

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THE UNCERTAIN FUTURE

Some “survivalists” of the 1970s found themselves in an unexpected predicament. Certain that the immediate future held only disaster for the United States, they headed for the hills with their “gold, guns, and groceries” and awaited war, economic collapse, civil chaos, epidemic, or all of these combined. Since they were certain that disaster was imminent, they made no plans for productive lives if disaster did not come. When disaster did not arrive, they found themselves ill-prepared for the prosperity of the 1980s. Some appeared almost disappointed that chaos had been avoided.

These people were not wrong to prepare for the survival of their families under severe civil defense emergencies. Is it imprudent to buy life insurance to provide for your family if you should die? Year-by-year term life insurance is a sensible expense. Are you disappointed that your life insurance was not used in 1992?

They were also not wrong in their evaluation of national and world risks.

- With 45,000 nuclear weapons in Soviet hands and primarily targeted on the United States, anyone who took no action to protect his family from this danger was irresponsible indeed. These weapons and the continuing technology to produce them are still with us and are proliferating throughout the world.
- With American national prospects in the hands of people in Washington who have accumulated an unthinkable and unpayable debt and are still spending and taxing without the least regard for honesty, the probability of economic collapse grows daily.
- With a welfare system that pays millions of people simply to exist, America has built a huge reservoir of people from whom domestic upheaval and terrorism can be expected. Increasing lawlessness in the welfare ghettos is indicative.
- With national policies that have murdered over 20 million American children and are beginning to advocate the murder of older Americans as well – and that are increasingly

hostile to Christians while they glorify perversions of all kinds, can we expect or do we deserve the miracles that would be necessary to avoid the consequences of our nation's many irresponsible actions?

We live in a very dangerous world. These dangers are growing rapidly. Our national politicians not only seem incapable of prudent actions to protect our nation from these risks, they work overtime producing additional and unnecessary dangers.

While it is possible to see the general trend in these events and to foresee the substantial dangers in them, it is very difficult to make accurate predictions concerning timing. Even with trends that are almost certain, such as the trend of the purchasing power of the dollar toward zero value, the rate and timing are unpredictable. The ultimate fate of our currency may already have been decided, but I would not want to plan to be without it in the near future.

With a wisdom that grew from the experiences of depression and war, my mother used to say that we should "prepare for the worst; hope for the best; and accept what comes."

If we prepare only for the worst that our enemies may do to us and neglect to plan productive lives in case they fail, then they will have defeated us by means of fear alone.

It is for this reason that work at the the Oregon Institute of Science and Medicine is emphasizing both civil defense against disasters and optimistic work on nutrition and clinical medicine and school curricula. Sometimes we are even able to combine the two in a single project such as in carbon dioxide research. These carbon dioxide experiments may have a positive effect on human health. They may also help oppose the "global warming" hoax – a hoax that could do so much damage to America's energy supplies as to precipitate a true civil defense emergency.

THE CLINTON PANDEMIC

All they that hate me love death.

Proverbs 8:36

There can now be no question about the theology of those who now occupy the highest offices of the United States. Theirs is the religion of death.

- Upon taking office, Clinton's first action was the elimination of restrictions on federal promotion of abortion. His administration is militantly pro abortion. Between six and eight million children are slated for extermination by abortion during this four year presidential term. They will be killed with the full encouragement and aid of the executive branch of the United States government.
- Clinton is actively promoting homosexuality – a perversion that has led to the worst epidemic of fatal disease in American history. Not only are core homosexuals dying horribly and in large numbers, but large numbers of non-homosexuals are also dying from diseases originating in the disease reservoir of homosexuality. In addition, public

promotion of homosexuality is causing young people to be added to this reservoir of spiritual, social, and physical death.

Promotion of homosexuals in the military is just a small part of the Clinton homosexual agenda. Clinton favors legislation to give homosexuals preferred legal status and to make mere criticism of their activities a criminal offense. The Clinton's have appointed notorious homosexuals to some of the highest offices of the United States. Homosexuals contributed large sums of money to the Clinton campaign. As a result of their zealous promotion of homosexuality and of their broken family and personal lives, rumors abound that the Clinton's themselves are personally involved in homosexuality.

- The Clinton medical proposal has very disturbing similarities to the growing secular notion that older people have a "duty to die" and that, if they will not do this "duty," they should be killed at a time chosen by the government. This murderous goal is unfortunately a central part of the Clinton "health care" plan.

Medical costs are high primarily as a result of the enormous legal, bureaucratic, regulatory, welfare, and taxation burdens that the federal government has placed upon our medical care system. Regardless of these high costs, Americans buy large amounts of medical services. Why not? Our medical care is the best in the world and, if one is sick or dead as a result of not buying essential medical care, other competing expenditures are less relevant.

Removal of these government burdens on medical care would increase the health and longevity of Americans. The Clintons propose the opposite. They propose a bigger government program with additional waste of our resources. Some people believe that the Clintons are just misguided – that they are committed to socialism and really believe that good will come from the destruction of free enterprise in American medicine regardless of the failures of socialism elsewhere in the world.

A look at the Clinton program shows, however, that they understand its actual characteristics quite well. The program places price controls on medical care. It even places controls on medical schools to reduce the number of students allowed to specialize in particular medical techniques – especially those techniques of crisis medicine that are essential to the survival of many people after the age of about 50 years. Price controls always lead to shortages. Demand is increased, supply is diminished, and supply is, therefore, no longer great enough to meet demand.

The Clintons know this. Their medical plan – the real heart of their plan – is a system of forced rationing. Americans will be forbidden by law to seek or give medical care outside the government program. Their medical care within the government program will be rationed by a small army of bureaucrats. It may be possible for some wealthy or influential people to bypass this system, but most Americans will be forcibly restricted to it.

In preparation for this, the Clinton administration has been organizing meetings of small groups of people in counties throughout the United States. Participants are shown videos of actors playing the parts of patients. After viewing the videos, they are asked to rank the patients in order of priority – to decide who should live and who should die. Any participants who refuse to do this are strongly criticized. Those who cooperate are

praised, and jokes are told about those who will be denied treatment. Participants are told that these meetings are being held to help design the national medical care program.

Obviously it is older Americans who will receive the lower priorities. The Clinton "health care program" is little more than a large bureaucratic smoke screen for the introduction of *forced mandatory euthanasia in the United States*.

This Clinton presidency is rapidly becoming the "death presidency." Its underlying goals are the same as those of certain pseudointellectuals and elitists who have been advocating that the population of the United States should be reduced by half. These vermin want to enslave the people of the United States – and they don't want to be inconvenienced by an excess of slaves. The Clinton programs of abortion, mandatory euthanasia, and advocacy of activities that promote epidemics of fatal disease threaten America with the worst civil defense emergency in our history. We are actually in the midst of a government promoted pandemic of American deaths – a pandemic that threatens to get a lot worse.

At the Oregon Institute of Science and Medicine, we conduct health research, including research on diagnostic procedures and on preventive medicine. Scientists who specialize in preventive medicine usually concern themselves with the problem of patient compliance. A person who is not sick is often unwilling to avail himself of health preserving procedures, because he does not feel immediately threatened with suffering or death. A severely sick person is usually very ready to comply. In all of this work, however, it has always been customary to consider the patient's desire for a treatment. Patients and doctors learn about the effectiveness of medical procedures and express their preferences in a free market.

Under the Clinton plan, personal preferences will be subordinated to the socialist state. A new medical treatment (in many instances even a search for a new medical treatment) will need the approval of the "National Health Board," a small group of bureaucrats who will meet in non-public meetings and be subordinate only to the President. If the Board decides against the treatment, the American people will not be allowed to have it. If the Board decides that only people below the age of 50 may have the treatment, then physicians providing it to anyone over 50 can be imprisoned and lose all of their personal assets.

The Clintons are promising cradle-to-grave medical care. They are counting on the politics of envy and greed, the promise of something for nothing at someone else's expense, to pass their program. They believe, perhaps correctly, that Congress will be afraid to face the 1994 elections as opponents of "free" medical care.

Under their program, fewer Americans will make it as far as the cradle – and many Americans will be in the grave a lot earlier.

HOME SCHOOL TESTING

The new Scholastic Aptitude Tests begin in March 1994. Fortunately not all proposed changes were put into the new tests, so this step downward in American educational standards will not be as onerous as originally proposed. Still, calculators are being introduced so

the kids won't need arithmetic skills and verbal tests are being watered down. Reading selections which can be used to test political correctness are being expanded.

The introduction of new tests has succeeded, however, in one major National Education Association goal. The link with scores from the past 60 years has been weakened, so the degradation of American education will not be so evident in SAT performance.

Why is this of interest to home schoolers? Some home school families think of the SAT tests as just another vestige of the secular educational establishment, a vestige to be avoided like the rest. This is, however, a serious error.

The moving of a child's education out of the public schools and into the home achieves very important social, family, physical safety, and spiritual objectives. It does not, however, automatically cause improved academic performance. Nor does the adoption of a standardized home school curriculum with included tests assure academic excellence or an adequate measure of academic performance. Curriculum tests can be very misleading.

Grade inflation came to American schools and universities primarily by popular demand. The students and their parents wanted easy courses, simple tests and high grades, so teachers and faculty, lacking academic principle, gave them what they wanted. This same popular demand is affecting home school curricula. If the curriculum is difficult for the students (or difficult for their parents), then it is not so popular as an easy curriculum with appropriate tests to assure the family that the children are doing well.

There is always an abundance of people who will tell us what we want to hear. The story that home school children are outperforming public school children is widespread solace for many. It ignores, however, that children from homes that care enough to home school have many other advantages as well, and it does not apply to any particular school. It also applies to averages and not to excellence.

Zachary Robinson scored 1480 on the PSAT and 1430 on the SAT while he was still 16 years old. Recent tests of his younger brother Noah indicate that he will do as well. Their other brothers and sisters are too young to test. The morning after a month-long cross-country automobile trip and with no preparation, Zachary achieved the 6th highest PSAT score in Oregon out of 13,317 scored Oregon students. That, for us, was good news.

The bad news is that, of the 168 Oregon students whose PSAT score was high enough to qualify as National Merit Scholarship Semifinalists, Zachary was the only student listed as home schooled. 142 were from public schools and 25 were from private schools.

There are a lot of home schools in Oregon.

About 1,600,000 students worldwide took that same PSAT examination. (The lowest state PSAT scores in our nation were those in Arkansas which labors under a system created by Bill and Hillary Clinton and Joycelyn Elders, whom Clinton has now made Surgeon General of the United States.) These scholastic aptitude tests have stood as a worldwide academic standard for more than half a century, because they are excellent tests of academic ability and achievement. Dozens of past tests are available in commercially available books at low cost. They can

be given repeatedly in your home. Repetition has little effect on scores as long as different individual tests are used each time.

SAT scores are also at the center of the battle to break the monopoly of the National Education Association teacher's union and to abandon the disastrous system of American public education. In June 1993, Forbes Magazine published an article entitled "The National Extortion Association?" One graph in that article says it all. Since 1949, spending per student in constant, 1992 dollars in the public schools has increased by over 400%, while average SAT scores have declined from 963 to 899. Without those SAT scores for measurement, the Forbes discussion would be buried under NEA propaganda about increased quality.

Without those scores for measurement, how are we to know the relative academic performance of our home schools as compared with world standards? Many abilities can be measured by simple observation such as the ability to fix a machine, build a building, raise farm animals and crops, or prepare a dinner. Academic ability must be measured indirectly. By the time it becomes directly measurable by adult accomplishments, it is too late for improvement. Moreover, academic ability like physical ability is linked to spiritual ability. Those with ability are more self-confident and less easily led away from God's path, and they are better able to perform earthly accomplishments that serve as a testimony to the effectiveness by which God works through those who follow Him.

Some will say that faith alone is enough – that if God wants children to have academic ability, He will give it to them – and that He will give them only so much as He decides is safe for them to have. By this argument, a total commitment to Christian faith is enough. This is similar to the view that civil defense is not needed, because God will take care of us. God has given us our minds and the means with which to train them. We must not reject these gifts from God. We must not allow the minds of our children to be trained in make-work subjects far below their real abilities and thereby trapped for life in cages similar to those of public school children.

We must not let our children be debilitated by tests that tell us what we want to hear. Occasional SAT testing in the home by means of the current, unchanged SAT tests should be a part of the home school curriculum of all children 15 years of age and older. Two books of these tests are currently available (buy them both) from Educators Publishing Service, Inc., 75 Moulton Street, Cambridge, Massachusetts, 02138. Ask for "10 SATs, College Board, Fifth Edition" for \$11.95 and "5 SATs, College Board, 1992 Edition" for \$7.00. Shipping is \$3.00, so the cost of both books is \$21.95 postage paid. A few tests are also usually found in the back pages of SAT preparation books available in local book stores. Get these while you can. With the change, they soon may become unavailable.

HOME SCHOOL LITERATURE CURRICULUM PROJECT

The literature curriculum project is proceeding on schedule, although the schedule appropriate to our resources is too slow. Donations and sales of drafts of the first lesson plans have enabled us to make a contract for development of lesson plans for eight more books. These eight will include selections appropriate for children of ages 7 through 17, so they will be

immediately useful to more home school families. Work on the first four of these has already begun. They are: *Pilgrim's Progress* by John Bunyan; *At the Back of the North Wind* by George MacDonald; *Huckleberry Finn* by Mark Twain; and *Little House on the Prairie* by Laura Ingalls Wilder.

The ultimate configuration of this curriculum is taking shape. Although the market supply of home school materials is increasing rapidly, we do not, unfortunately, expect much competition for this curriculum. There is too little demand for rigorous materials in America today. A non-profit effort of this sort may be the only way to get this job done.

In addition to the ordered reading list, lesson plans, and examinations, we must also make available about 600 books. In this, the advance of computer technology will help. Already, CD-ROM disks are available with large selections of books for adults. A single disk can hold as many as 2,000 average length books. Disks of such book collections are sold for about \$50. Many of the books we will use were published so long ago that copyrights do not exclude their entry into CD-ROM data bases.

Therefore, we expect to make the final curriculum available on computer disk as well as in paper format. The CD-ROM will include all lesson plans and examinations along with copies of all books that can legally be reproduced. The more recent books that are illegal to reproduce will be those most easily found in libraries and bookstores. Therefore, a family will be able to print, with their own computer or that of a friend or business, a copy of any required book that is not easily available to them. Lesson plans and examinations will be printable from the disk in as many copies as are needed for a school.

Please remember to send your critiques of the first drafts for *Tom Sawyer* and the *Narnia* series and your suggestions for the booklist and overall curriculum. I would prefer that this project move much more quickly toward a large enough curriculum to be substantially helpful in most home schools including ours, but we have no one here who can spend full time on this work and do not have resources to hire such a person. Eventually, with your continued help, this essential work will be completed.

NUCLEAR WAR SURVIVAL SKILLS

Two volunteer efforts are increasing the usefulness of the information in the book *Nuclear War Survival Skills* by Cresson Kearny. These are especially important, since the Clinton regime has dropped all remaining efforts for American civil defense except for the annual \$400 million appropriation for "continuity of government" schemes to protect politicians and bureaucrats.

Given their policies, it is no wonder that they still feel a need for personal protection. They are at increasing risk from within the United States itself. As far as protection of American citizens is concerned, however, even the words "civil defense" have now been entirely purged from the Federal Emergency Management Agency (although they continue to exist in the minds and hearts of a few dedicated Americans who still work within that agency).

In a joint effort with Fighting Chance, Arnold Jagt is voluntarily preparing *Nuclear War Survival Skills* for entry onto the Internet computer network. Internet and related networks link together approximately 20 million computers world wide in a vast communications net and data base. Within a few months, *Nuclear War Survival Skills* will be available from any one of those 20 million computers. Computer network users will be able to scan the book for specific information, print diagrams or photos of particular interest, or even print the entire text for personal use or public dissemination in an emergency.

Mr. Jagt suggested this project some time ago, but only recently did we obtain the necessary computer hardware to scan the text. The book was scanned onto computer disks here and then sent to Mr. Jagt. Since *Nuclear War Survival Skills* contains many intricate figures and photographs and a detailed text in several formats, several months of part time effort are required to make it suitable for the computer network. In case of a nuclear emergency in the future, many people may have reason to be grateful to Arnold Jagt for giving his time and skills to this project.

In another development, Steve Jones has developed a Kearny Fallout Meter kit based upon the instructions in *Nuclear War Survival Skills*. This kit comes with instructions and materials all packed in a can that serves as the body of the meter. With only the materials in this kit, one can build a very useful and lifesaving radiation fallout meter.

These kits are available from Steve Jones, 1402 South 1000 West, Salt Lake City, UT 84104 at a cost of \$6 each postage paid. A couple of these kits or their equivalent should be among the civil defense supplies of every American.

ACCESS TO ENERGY

Twenty years ago a very accomplished physical scientist named Petr Beckmann began publication of the newsletter, *Access to Energy*. A patriotic American and a refugee from his home country, communist Czechoslovakia, Dr. Beckmann with his newsletter became one of the most influential voices on behalf of generation of electricity by nuclear power in the United States. His newsletter is pro-science, pro-technology, and pro-free enterprise. Its primary emphasis is on the confrontation of misinformation about science and technology with simple, correct explanations of technical subjects and with Petr Beckmann's own brand of political satire. In recent years it has been especially effective in attacking the technical lies of pseudoenvironmentalism.

Remarkably, until a few months ago, *Access to Energy* was still printed by Petr Beckmann on a printing press in his basement. He and his wife physically set the type, printed the newsletter, and folded it with their own hands and machinery. For 20 years, it has been printed on the same pink paper. Dr. Beckmann was fiercely independent. He was actually forced to produce the newsletter himself by his own decision to keep the price very low in order to maximize circulation and yet avoid the compromises of advertising.

Over the past 20 years, *Access to Energy* has developed a very widespread and influential readership including many scientists and engineers as well as people from less technical disciplines. *Access to Energy* has now become far too valuable a voice to discontinue.

Tragically, Dr. Beckmann died of cancer on August 3, 1993. Several months before he died, he asked me to take over publication of *Access to Energy* when he was no longer able to continue. I began writing and publishing the newsletter with the September 1993 issue.

Access to Energy still contains the kind of political satire that Petr Beckmann originated for it. Its primary purpose is also unchanged. It provides simplified, technically correct, and professionally referenced explanations of various aspects of science and engineering that affect our lives. Special emphasis is given to subjects about which the media, government, or other groups such as pseudoenvironmentalists are making incorrect statements to the public.

Access to Energy cannot, by law, be a part of a 501(c)(3) tax-deductible foundation such as the Oregon Institute of Science and Medicine. We can use its modest profits to fund work at the Institute by direct contribution, but the income and expenses of *Access to Energy* must be entirely separate. Dr. Beckmann mentioned *Fighting Chance* favorably several times in his newsletter, so some of our readers and supporters learned about *Fighting Chance* and the Oregon Institute of Science and Medicine in this way.

Enclosed is a copy of the November issue of *Access to Energy*. This issue contains an article about carbon dioxide and global plant and animal growth that is of special interest with regard to the carbon dioxide project.

Publication of the *Fighting Chance* newsletter is not monthly like *Access to Energy*, because the Fighting Chance project lacks the resources for a monthly publication. We have chosen to use donations primarily for productive work and to report occasionally on our activities. Alternatively, if we published *Fighting Chance* monthly, we would have much less time and resources available for productive work.

OREGON INSTITUTE OF SCIENCE AND MEDICINE

When Laurelee and I brought our family to Oregon in 1981, we planned to start a small, independent research institute where we could continue our investigations in medicine and basic science in a rural location ideal for the children. We built a large metal building, incorporated the Institute as a non-profit foundation, and began work on some simple experiments on nutrition and cancer.

With the help of our coworkers in other institutions and volunteers here, we did some worthwhile work. We also initiated the Fighting Chance civil defense project and carried out other activities. We did not, however, see our Institute grow into a larger effort.

Now, as the children themselves become old enough to participate, several things have occurred which are expanding the prospects and effectiveness of our 12 year project.

Although we still have no regular staff members, the Institute has acquired a remarkable non-resident faculty. The photograph below was taken during a recent visit by the two most famous of these scientists. Shown with some of the children are Professor Martin D. Kamen and Professor R. Bruce Merrifield and Mrs. Merrifield. Dr. Kamen is now Professor of Chemistry at the Institute. Dr. Merrifield is now Adjunct Professor at the Institute.



Mrs. Merrifield, Noah, Matthew, Dr. Merrifield, Joshua, Zachary, and Dr. Kamen

It must be emphasized that these men and our other faculty members do not endorse the ideas published in the *Fighting Chance* newsletter by me or the activities of any member of our faculty other than their own. In specific instances, one faculty member may wish to support the activities of another faculty member. Each is, however, entirely independent. No member of the Institute's faculty, including myself, seeks or receives approval for any of his activities from any other, and no endorsement is implied by virtue of our professional association within the same institution.

We could not build a productive research institution on any other terms. In fact, the most debilitating trend in America's great research institutions today is the trend toward "political correctness" which means the censorship and control of some members of the institutions by other members.

There is presently no official newsletter reporting the activities of the Institute and publishing articles by its various faculty members. If we are able to grow a little stronger, we hope to initiate such a publication.

The Oregon Institute of Science and Medicine faculty, all non-resident except for the Robinsons, is now comprised of the following individuals:

- Professor Martin D. Kamen. Dr. Kamen is the discoverer of carbon 14 and the originator of many of the techniques by which radioactive tracers are used to elucidate the chemistry of biological processes. He also carried out extensive research that underlies much of our biochemical understanding of the process of photosynthesis. For these accomplishments he has been nominated several times for the Nobel Prize. Many scientists hope that he will eventually be appropriately honored with this award. Dr. Kamen currently visits the Institute for one week stays, four times each year.
- Adjunct Professor R. Bruce Merrifield. Dr. Merrifield is the originator of solid-phase organic synthesis with which he accomplished the first laboratory synthesis of an enzyme. In recognition of this accomplishment, Dr. Merrifield was awarded the Nobel Prize in Chemistry in 1984. His first synthesis of the enzyme ribonuclease was all the more spectacular, because he was in competition with laboratories with more than 100 times more financial resources than his own. Dr. Merrifield originated a unique idea about organic synthesis which he then executed by several years of brilliant and difficult work, while his competitors ignored him and continued to pour huge resources into their own failing efforts. Mrs. Merrifield is also a chemist and has worked with him in his laboratory.
- Professor of Electrical Engineering Carl Boehme. Carl Boehme founded a computer engineering company in the Silicone Valley near Stanford where he was educated. This company designed computer boards for use with minicomputers, engaged in computer software design projects, and sold computer equipment of various types. Carl is an a very talented computer engineer with ability to personally design, build and operate almost any computerized device. He visits the Institute for a few days each month. He is personally providing not only the technical expertise, but also the computer hardware for most of our current and planned laboratory work.
- Professor of Biochemistry Fred Westall. Dr. Westall is an expert in the biochemistry of immunology and autoimmune disease. After receiving his PhD at the University of California at San Diego, Dr. Westall moved to the Salk Institute where he eventually became director of laboratory work in the laboratories of Jonas Salk. Dr. Westall comes to the Institute occasionally and has provided a substantial amount of general laboratory apparatus. He has applied for private funding to allow him to spend more time here.
- Professor of Clinical Medicine Jane Orient. Dr. Orient is an outstanding practitioner of internal medicine and holds several responsible medical positions at institutions near her home in Tucson, Arizona. She is also a well known advocate of civil defense. She is currently best known, however, and has received substantial press coverage for her work against the Clinton "health" plan. As Executive Director of the Association of American Physicians and Surgeons, Dr. Orient was one of the earliest and most articulate opponents of the activities of Mrs. Clinton and her medical task force. So far Dr. Orient has led the most effective legal and public battle against the Clinton plan. Dr. Orient comes to the Institute for 4 to 5 day visits about five times each year. Like the other faculty, she continues work with us from her base in Arizona between visits.

- Professor of Chemistry Arthur B. Robinson. Dr. Robinson is well known to the readers of this newsletter. He graduated from the California Institute of Technology and the University of California at San Diego. He served on the faculty of that University until co-founding the Institute of Orthomolecular Medicine which became the Linus Pauling Institute. He became President and Research Director of the Linus Pauling Institute. With his wife Laurelee, he founded the Oregon Institute of Science and Medicine in 1981. His research interests include fundamental research in protein chemistry and aging and applied research on techniques of blood and urine analysis and nutrition and preventive medicine.

In addition to the carbon dioxide laboratory and theoretical work, we hope to soon resume work on the profiling of human health by means of urine and blood analysis followed by computerized pattern recognition. Laurelee and I and our co-workers did much of the original work in this field before we came to Oregon.

Currently Carl Boehme is building the computer systems for this profiling work and adapting the profiling software from our earlier work to new computer technology. Soon he will have completed the provision of lab automation and calculation systems for this project. We still lack, however, resources to purchase parts for construction of the analytical machines themselves.

Dr. Kamen has suggested some additional experiments for the carbon dioxide laboratory; Dr. Merrifield has offered to help with the initiation of work on peptides and protein turnover and aging; Dr. Westall has several ideas for work on autoimmune disease; Dr. Orient is interested in some potential medical experiments; and Carl Boehme stands ready to computerize anything we decide to do.

With these talented people and with our laboratory facility recently enhanced by donations from the Manly Foundation for materials and the work of many volunteers – especially the remarkable families of carpenters, loggers, and farmers from the Midwest who made several trips here to build new laboratory rooms and enhance the facility, the Institute's prospects for an expanded and worthwhile research program are excellent.

Building a research laboratory is very much a bootstraps project. Until one has found sufficient resources to do high quality work, it is difficult to do the high quality work that is required to attract those resources. At present, the long-term carbon dioxide experiments are the primary efforts that are being conducted in the Institute's laboratories. Our other experimental projects are in various stages of development.

CARBON DIOXIDE

Experiments on carbon dioxide and the health and longevity of animals are going along smoothly in the special laboratory built for that purpose here. Four rooms at different carbon dioxide levels are under computer control with numerous safety features to assure constant atmospheres throughout the two to three year duration of the study.

We have constructed a dual control and monitoring system and several other safeguards to correct for potential equipment failures. The primary system has worked so reliably, however, that the project has been running for several months without ever needing to use the backup equipment.

Many years ago when we began building automated laboratories for various purposes, lab automation and especially computer systems were about two thirds of the work. Reliability was poor, and the equipment needed constant monitoring and repair. Now, however, due primarily to advances in computers, this sort of equipment works so well that it gives almost no trouble.

Zachary and Noah are taking care of the carbon dioxide experiment and are very pleased by its reliability. They were astonished, however, to read that United States bureaucrats had sent a \$1 billion space probe to Mars without sufficient backup computers and communications devices to serve as emergency contacts with the space probe. In fact, why didn't these people send two or three probes at least? If that had been a private program directed by the people who earned the money rather than by bureaucrats with a pipeline into the earnings of unwilling taxpayers, there is no chance whatever that \$1 billion would have been put into a single non-redundant probe. With the recent single failure, that entire \$1 billion has been wasted.

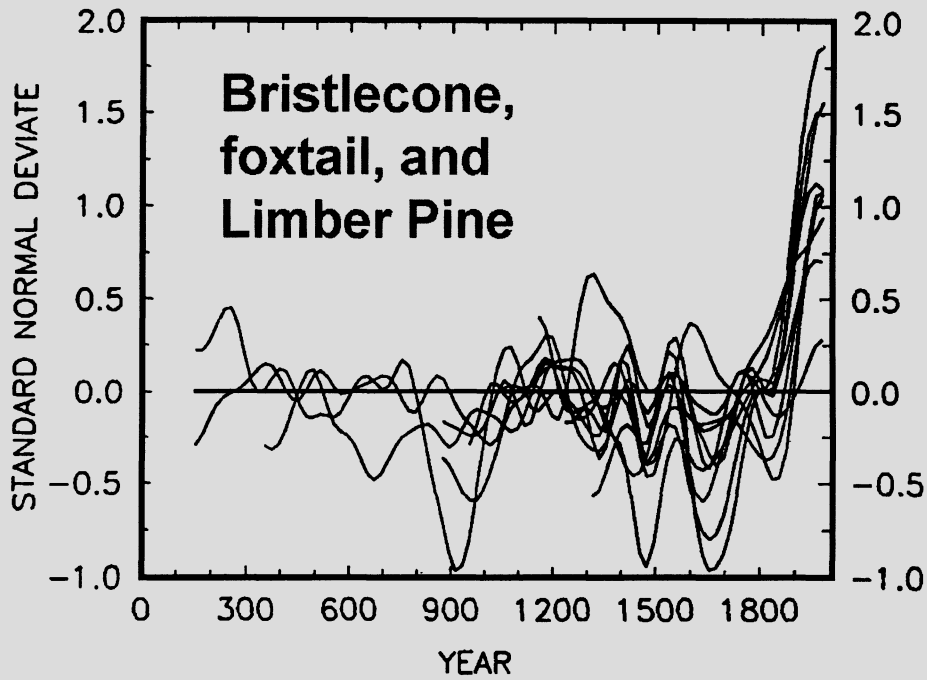
These are the same people who want to force all Americans into a non-redundant medical system where a small army of such bureaucrats will deliver medicine to the sick with the same reliability and foresight.

Meanwhile the accidental greening of the earth by carbon dioxide released from the burning of coal, oil, and natural gas is continuing regardless of the Clinton and Gore program for shutting down much of America's remaining prosperity by limiting the release of carbon dioxide. Some benefits of that release of carbon dioxide are discussed in the enclosed issue of *Access to Energy*.

Additional evidence of this remarkable trend is given in the paper by D. A. Graybill and Sherwood B. Idso in *Global Biogeochemical Cycles*, Volume 7, No. 1, (1993) pp 81-95. Graybill and Idso studied growth rings of very old pine trees in California, Nevada, Arizona, and Colorado.

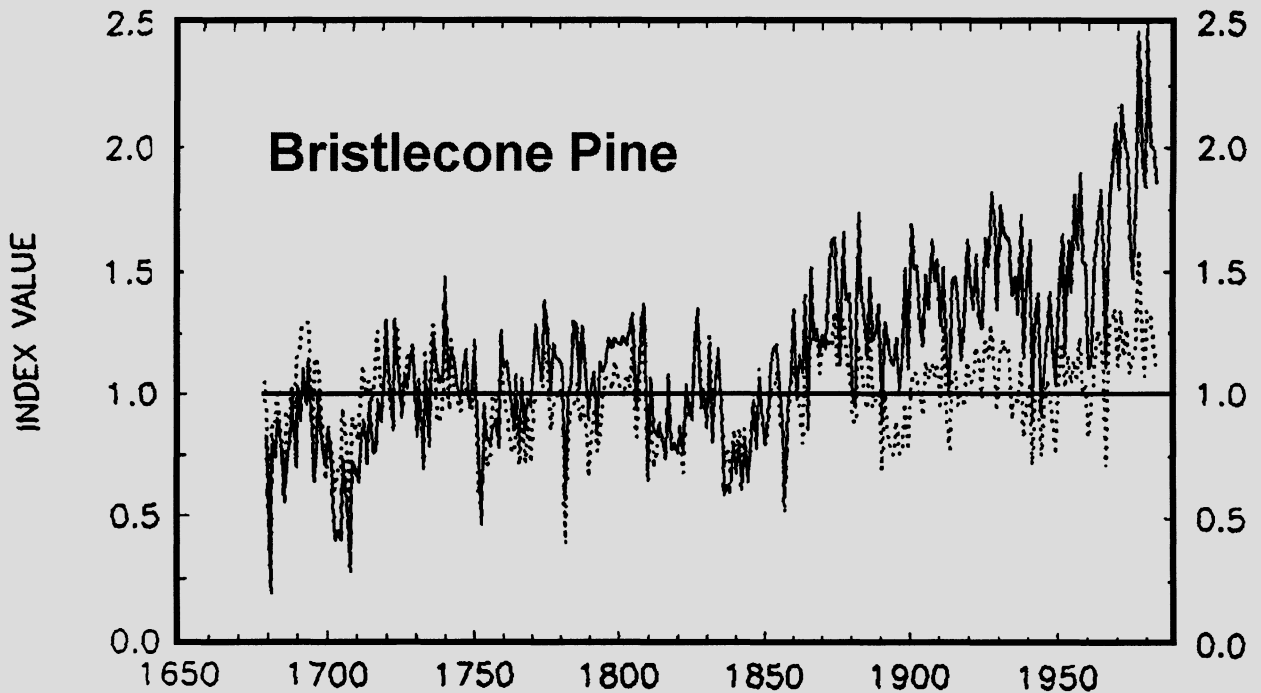
In addition to the 23% increase in the amount of standing timber in the United States since 1958 as measured by the U. S. Forest Service, it would be expected that rates of growth of individual trees would show increases that parallel the release of carbon dioxide. Bristlecone Pine trees and other long-lived varieties are especially valuable for such studies, since their millennia-long lifetime places historical variations in growth in comparative perspective.

The two figures on the next page are taken from the Graybill and Idso paper. The first graph showing measurements of tree rings grown as long ago as the 2nd century AD is comprised of 20-year moving averages. Notice the increase in recent growth rates. Similar measurements shown in the second graph provide unaveraged detail of Bristlecone Pine growth since 1680 AD.



The remarkable increase in tree growth that exactly parallels the increase in atmospheric carbon dioxide during the last century is evident. The quantitative carbon dioxide trend is shown on a graph in the enclosed *Access to Energy*.

These figures and those in *Access to Energy* show a particular set of facts and illustrate several important points.



- First, release of carbon dioxide from the burning of coal, oil, and natural gas is the greatest and most valuable environmental program that has ever been launched in the history of man. During this century, there has been an increase of over 30% in the amount of plants and animals on the earth as a result of the increase in carbon dioxide. As a result of this continuing release of below-ground carbon, during the next century –

the amount of plants and animals on the earth is going to double.

The merchants of death in the United States Government and the United Nations are, of course, going to try to prevent this. Clinton has recently signed a treaty to reduce carbon dioxide emission in the United States and has already increased taxes on fuel with this particular goal. Why do they want to stop this wonderful increase in life?

They appear to want to stop it, because they are anti-technology; because they are seeking power through control of freedom and energy is an important aspect of freedom; and because they are anti-human. This enormous increase in vegetation means that the earth will support far more people than would otherwise have been possible. The merchants of death want fewer people, not more.

- Second, have you been hearing about the enormous increase in trees in the major media? After all, this increase is not only news from sophisticated scientific laboratories, it comes also from direct measurements of American forests by the U. S. Forest Service.

All we hear from the major media is that carbon dioxide is a pollutant that will cause “global warming.” Carbon dioxide is not a pollutant, and the increase in carbon dioxide has caused no global warming so far. There are excellent scientific studies which demonstrate that it will not do so in the future to any significant extent.

The major media are not interested in the truth. They are interested in control of the population by misinformation and by advertising. They are not interested in the underlying accuracy of the stories that they use to obtain that control. “Perceived reality” is their stock-in-trade. Actual reality is suppressed if it conflicts with their agenda.

- Third, what is your personal reaction to reading your way through the simplified but nevertheless detailed figures and text here and in the enclosed *Access to Energy*? More important, what is the reaction of children over 15 years of age in your home to reading these texts and figures? Will the younger children be interested in this sort of reading when they are older, and will they be able to think well enough to find errors in these kinds of arguments if errors are there? If not, you and they are in trouble. They are prime candidates for media lies – lies that may cost you and the children your freedom and may even cost you your lives.

This is one important reason why schooling of the highest academic excellence is crucially important for all Christians and for all of the American people. God has given us the ability to train ourselves and our children to see through the lies of the merchants of death. If we will not accept His gifts – if we do not use these gifts to give our children the highest possible ability to think – then we shall have failed. We shall have failed our families – failed our country – failed our Lord.

FAMILY CIVIL DEFENSE SHELTER

Recently a friend of ours and supporter of Fighting Chance decided that he did not want to continue to leave his family without civil defense insurance. With nearby neighbors and other impediments to building a large conventional shelter, he decided to install a small shelter similar to the one described in the October 1990 *Fighting Chance Newsletter*.

Having visited that shelter in the displays here at the Oregon Institute of Science and Medicine, he decided he wanted a somewhat larger (still small) shelter. He chose a size 68% larger by volume – 54 inches in diameter and 14 feet long with two entryways allowing installation with three feet of earth over the top in the level ground of his back yard.

His shelter has simple blast doors, ventilation by means of the hand fanning technique shown in *Nuclear War Survival Skills*, and no room to stand up. It is rated at a radiation protection factor of over 1000 and a blast protection of about 50 psi. It has enough room for water, food, simple emergency supplies, and the six members of his family – who would find it very uncomfortable and primitive. Sanitation will be by bucket and a plastic bag occasionally tossed out the door. *Nuclear War Survival Skills* is the instruction manual.

Sound unappealing? It sure beats watching his family die – probably slowly from a fatal dose of radiation!

In order to avoid spending the time finding and educating a steel fabricating shop near his home, he decided to have the shelter built by Oak Street Tank and Steel, the company that built the Fighting Chance mobile shelter displays and numerous other shelters here in Oregon. Oak Street Tank and Steel is located at 340 Oak Street in Ashland, Oregon. Their telephone is (503) 482-1536. Ashland is 500 miles from our friend's home.

He picked up his shelter in Ashland this past Monday morning with a small rented U-Haul trailer and drove home 500 miles. Tuesday night, less than 48 hours later, the shelter had been completely buried in his back yard. Installation was so quick that curious neighbors barely had time to notice.

His costs were \$1,675 for the shelter and corrosion protective anode, \$75 for trailer rental, \$100 for gasoline and \$150 for installation by a small backhoe and backhoe operator. He spent \$2,000 for the whole project and three days, primarily driving. Had he settled for the smaller version in our shelter displays, his cost would have been \$1,500.

No doubt he could have built a more elaborate shelter or perhaps found a way to build a less expensive one, but he had thought about these possibilities for quite a while. Now his family is protected. They can forget the whole thing and go on about the positive projects of their lives.

\$1,500 to \$2,000 and a day or two of inconvenience is very inexpensive insurance for a family in the nuclear age.