

the **PLAIN TRUTH** *a magazine of understanding*



**Science to
Create LIFE?**

What our READERS SAY

Crisis in Education

"You may be pleased to learn that already I have been able to use the booklets you sent me. I teach philosophy in a college here on the East Coast. The item that pleased me most at the end of last year's work was a note from a student which read, 'Thank you, Mr. T., for bringing God back into college — and I mean it.' Of course, it is a sad reflection on our society that such a note should be written. The material you sent me is a great help."

Sean P. T.,
Cliffside Park, New Jersey

"The PLAIN TRUTH magazine has made it possible for me to answer questions my students ask about current affairs. Most of them share your view that the theory of evolution is stupid. I plan to use your booklet on dating and marriage to help change the wrong attitudes most of the class have."

Mr. W. B.,
Tampa, Florida

"I was one of those smart alecks who said, 'It's O.K. if no one gets hurt.' Really, I didn't care if anyone got hurt or not as long as I had my 'fun.' At the Junior-Senior prom I talked a young girl (who thought she was in love with me) into having some 'fun' with me. We married so the child would have a name. Well, he has had a name for 15 years but he has not had a father, or a family life. We divorced later and I 'remarried.' ... Mr. Armstrong, keep telling the kids. Tell them someone always gets hurt. Usually many people — the couple; their parents, seeing their failure and their children's unhappiness; and the offspring always get hurt." F. O., Pascagoula, Mississippi

Pollution

"I saw your fine program on TV last evening concerning air pollution. Since I have devoted considerable time to this problem and feel rather well-informed, I was especially pleased to

note the accuracy of your technical information. Keep up the outstanding public service. I would be pleased to receive your bulletin on pollution. We must all become greatly concerned with the rapid destruction of our own environment."

Ted F., Industrial Arts Instructor,
Redlands, California

A Hippie Speaks

"Wow, man, you're really out of sight! The groovy article about the Generation Gap. I really dug-like-groovy! It's like me and my folks. We don't groove at all — like we really have our own thing. But you guys, you're really hip to the scene. Me and my parents, we really dug your articles like wow! We really dig each other — groovy man — tell all the cats there that they're really cool — really cool man. And like everybody here really loves this PLAIN TRUTH — we really dig it. So keep on grooving, 'cause that's your bag. Tell all the cats out there — peace — peace — peace — 'cause that's what we need and you're bringing it to us — you're really part of us — all you groovy people at *The PLAIN TRUTH*. Peace! You really tell it like it is. Peace!"

Anonymous hippie in Ohio

• ... far out, man — like, far out —
ya'know what we mean?

Prince of Wales

"In the April PLAIN TRUTH article 'The Celtic Revolution' the statement was made that the custom of investing the eldest son of the English king as Prince of Wales began in the 11th century with Edward the Black Prince. Should this not have read 13th century and Edward II?"

W. H., England

• Right. The custom began under Edward I who made his son Edward, afterward Edward II, Prince of Wales in the 13th century. Edward the Black

(Continued on page 42)

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EDITOR

HERBERT W. ARMSTRONG

EXECUTIVE EDITOR

Garner Ted Armstrong

MANAGING EDITOR

Herman L. Hoeh

SENIOR EDITOR

Roderick C. Meredith

Associate Editors

Albert J. Portune David Jon Hill

Regional Editors: U.K.: Raymond F. McNair; Aust.: C. Wayne Cole; S. Africa: Ernest Williams; Germany: Frank Schnee; Philippines: Gerald Waterhouse; Switzerland: Colin Wilkins; Latin America: Enrique Ruiz.

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Paul W. Kroll, Layout Editor

News Bureau: Gene H. Hogberg, Director; Dexter H. Faulkner, Donald D. Schroeder, Assistant; Bonnie F. Bird, Karl Karlov, Paul O. Knedel, David Price, Rodney A. Repp, Charles P. Vorhes, W. R. Whitehart.

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Albert J. Portune, Business Manager

Circulation Managers: U.S.A.: John H. Wilson; U.K.: Charles F. Hunting; Canada: Dean Wilson; Australia: Gene R. Hughes; Philippines: Arthur Docken; South Africa: Michael Bousfield; Latin America: Louis Gutierrez.

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Personal from the Editor

PERHAPS YOU WOULDN'T think the resignation of President Charles de Gaulle of France on April 28th would have any effect on your personal life. But it will.

It will trigger events so tremendous the whole world will gasp in WONDER! It will cause far-reaching repercussions. Not only on France and all of Europe, but on the entire world. But, as usual, the world will not recognize, until it happens, what De Gaulle's bowing out of power is going to precipitate. Neither news commentators nor most world leaders will recognize it now.

Probably the world-shaking events now to follow will not occur immediately. There will be a period of confusion, especially in France. Also in the European Common Market.

Britain, of course, will make immediate new overtures in a renewed attempt to gain entrance into the Common Market. The general consensus is that Britain will not make it. A front-page headline in the London *Daily Telegraph* says: "British entry to 'Six' Still Remote."

De Gaulle was the nearest thing to a "Strong Man" in Europe. At least he was the most vocal. He dominated more than any other. His relinquishing of power leaves a power vacuum in France. A Presidential election is now made necessary. The date must be set not less than three, nor more than five weeks from the resignation. Former Prime Minister Georges Pompidou looms as probable winner.

But neither M. Pompidou nor any other possible candidate will carry much weight outside France. The French, "unstable as water," probably will revert to their pre-De Gaullist practices of having a change of governments anywhere from every six weeks to every

two years. De Gaulle was the only leader in recent times who was able to stay in office so long.

The leadership of Europe will now shift to Bonn. The era of World War II is now past. Churchill, Roosevelt, Eisenhower, De Gaulle are gone. A new era begins. There has been a saying that with the death of Winston Churchill the last of the "great men" was gone. Eisenhower was regarded as one of the *best* men, but not one of the most powerful as a world political leader.

The world appears bereft of "great men." But a world-recognized "Strong Man" in all probability will now very soon appear. The most likely candidate, as of now, is Franz Josef Strauss of Germany. He has been recently interviewed on both the radio and the television WORLD TOMORROW programs, by my son, Garner Ted Armstrong.

So what, now, is most likely to happen?

There will be a period of confusion, especially in Europe. Dynamic world leaders sometimes burst into the world limelight, in times of world confusion. Will the coming "Strong Man" be Herr Strauss — or will one, now virtually unknown, arise as if from nowhere?

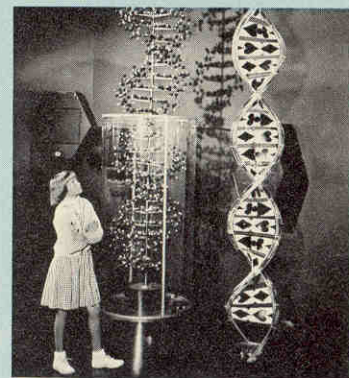
There will be a West German election in September. Herr Strauss has been biding his time, awaiting the crucial moment to step on the stage as a world leader. Will he deem this September election the opportune time? We do not have long to wait until we shall know.

For thirty-five years I have been saying publicly, on the air and in print, there will arise a "United States of Europe." It will be a political-military

(Continued on page 46)

In This Issue:

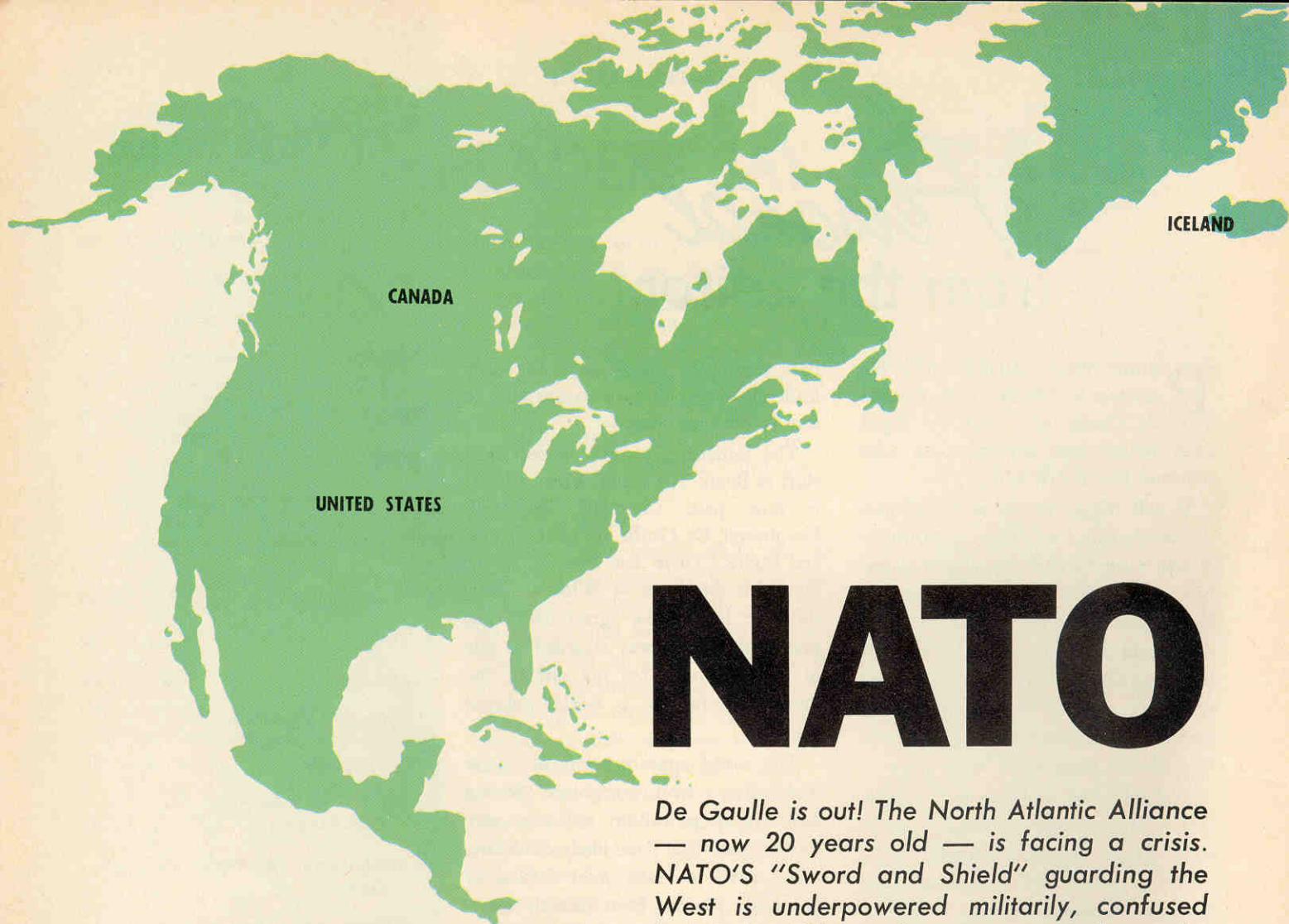
What our Readers Say	Inside Front Cover
Personal from the Editor	1
NATO at the Crossroads	2
Dwight David Eisenhower 1890-1969	5
LSD — The Whole Story	9
Radio Log	14
Exclusive Interview with Phillip A. Luce — Ex-Communist	17
And Now . . . Science Wants to Play God!	23
TV Log	32
The Story of Man	33
Prosperity Continues — But Are We Really Happier?	39
Short Questions from Our Readers	41
Alcoholism — a Worldwide Curse!	43
Advance News Reports Come Alive Today	48



Pacific Science Foundation Photo

OUR COVER

Photo is simple model of the DNA molecule — the blueprint of physical life. The models were built for the Seattle World's Fair in 1962. The complex model behind the girl is constructed of plastic billiard-size balls held together by short steel pins. The simplified front model is made of plastic. In the complex model, which uses spheres and rods to represent the chemical units of DNA, approximately 1500 pieces were used. In the front model, each card is a symbol and represents one of the four chemical units that make up DNA.



CANADA

UNITED STATES

ICELAND

NATO

De Gaulle is out! The North Atlantic Alliance — now 20 years old — is facing a crisis. NATO'S "Sword and Shield" guarding the West is underpowered militarily, confused politically. This on-the-spot report, from the 20th anniversary meeting of NATO, reveals why.

by Gene H. Hogberg and Eugene M. Walter

Washington, D. C.

SINCE NATO's creation 20 years ago, not an inch of free European soil has fallen under Communist domination.

Not only this, behind NATO's "sword and shield" policy, Western Europe has risen to unprecedented heights of economic prosperity.

But now the harsh facts are that NATO's military problems are approaching a crisis stage.

NATO'S Critical Problems

A report published by the Center for Strategic and International Studies at Georgetown University has shocked many. It found that "serious deficiencies exist in the defense forces of the alliance, deficiencies in quality as well as in quantity."

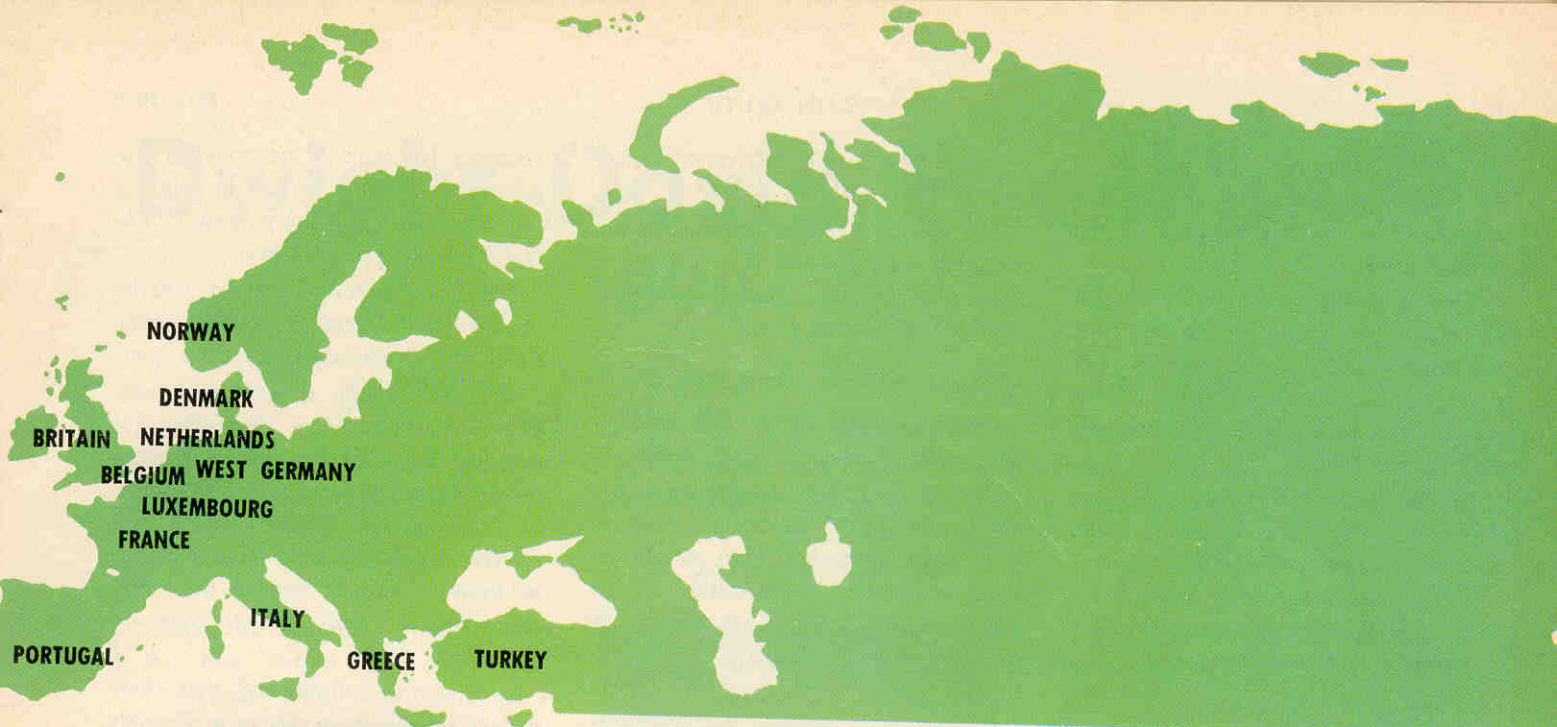
Why?

Another source, a thorough handbook on NATO, admits: "Not only are the NATO countries raising inadequate numbers of men, but often they are inadequately trained. There are not enough reserve forces, they are not all in a high state of readiness, and they cannot be gotten to-



Hogberg — Ambassador College

Manlio Brosio, Secretary-General of NATO, holds press conference at end of 20th anniversary meetings.



at the Crossroads

gether fast enough" (*The NATO Story*, by James R. Huntley, pp. 96, 97).

On paper, the Alliance's military strength looks impressive.

NATO's commander in the event of war could call on about 54 divisions in the European theater. These stretch from northern Norway to Turkey (including, hopefully, France). Added to the 54 divisions are about 15 independent brigades.

But many of the divisions and brigades are well under normal peacetime strength. The West German divisions are all 15 to 20 percent below par. And U.S. divisions committed to NATO have been drawn down because of manpower needs for Vietnam.

Red Forces Formidable

Facing the undermanned and under-equipped NATO forces are 26 Soviet divisions stationed on East European soil. Allied with the Soviet troops are 62 divisions fielded by the other Warsaw Pact countries — Poland, East Germany, Czechoslovakia, Hungary, Romania and Bulgaria.

The Communist advantage in immediately available manpower is not as great as would seem, since Red divisions average 10,000 men against 15,000 for the West (when at full

strength). The Communist advantage lies in the availability of another 63 battle-ready Soviet divisions stationed on nearby home territory in European Russia. Most of NATO's additional fourteen war-time divisions would have to be flown from across the Atlantic.

Gen. Lyman L. Lemnitzer, soon to retire as Supreme Commander, Allied Powers, Europe, described the Soviet deployment in Central Europe as "the largest and most readily usable combat force fielded by the Kremlin since World War II."

What has traditionally made up the difference for the West has been the "sword" — America's nuclear arsenal.

Advantage Disappearing

Once, the U. S. held an overwhelming nuclear superiority over the Soviets. President Nixon, however, told the NATO ministers at the Alliance's 20th anniversary meeting in Washington, D. C., April 10, that "the West does not have the massive nuclear predominance today it once had."

The respected Institute for Strategic Studies in London exploded a bombshell on the opening day of the NATO conference. It revealed that by mid-1969 the Soviet Union would pass the United States in the deployment of

intercontinental ballistic missiles. The annual ISS survey also claimed that 1968 marked "the end of the American ... ability to be the universal and dominant power."

These factors are extremely significant because they add fuel to the argument by some influential West Europeans that the United States would not unleash its full nuclear arsenal in event of a massive conventional Soviet ground invasion of Western Europe.

Would the U.S. risk Soviet nuclear retaliation against, say, New York, or Chicago, or Washington — in order to protect Milan, Brussels, or Frankfurt? So question some.

The "Flexible Strategy"

In 1967, NATO officially adopted a strategy which it calls the "Flexible Strategy." This strategy "seeks to assure appropriate military response to various possible levels of aggression, and seeks to delay the resort to nuclear weapons" (*The NATO Story*, p. 96).

The "Flexible Strategy" against Red aggression boils down to this: 1) Plan to fight as long as possible with conventional weapons. 2) Then resort to the use of tactical nuclear weapons to supplement conventional firepower. (There are 7,000 tactical nuclear weapons deployed on West European soil —

but under American lock and key!) 3) Finally, invoke against the Russian heartland the strategic weapons of the United States.

This is precisely the policy British Defense Chief Denis Healey says will not work. Healey asserts that NATO never will be strong enough in conventional forces to hold off overwhelming Red odds for long.

In the end, NATO must always depend on the U.S. nuclear strike force. *But again, will this "last resort" force be available quickly enough before all of Western Europe falls under a conventional Communist blitz?*

Other Nagging Problems

Shortage of manpower and materiel; the over-reliance upon the U.S. nuclear arsenal — these are not the only things worrying NATO's European defense ministers.

The rising cost of military technology and training may be a more serious problem than the shortage of soldiers.

How can these rising costs be offset?

Standardization of weapons and equipment, one system of logistical

them into a single integrated instrument" (*The NATO Story*, p. 99).

But is such a merger possible? What would it mean — and where would it lead? Would the United States be included in such an integration?

What Europeans Admit They Need

Note carefully what this NATO handbook says about Europe's needs:

"If the forces and defense ministries of a number of European countries were truly integrated, there would be great economies. There could also be important psychological dividends. A common defense ministry would help the Europeans to be more responsible for their own security, *relying less heavily on the United States*, and thereby feeling less dependent. It would help Europe, too, to catch up with the United States technologically.

"Such a move could also give impetus to the idea of a politically united Europe, the dream of many Europeans since the Second World War. In fact — and here is the rub — it might not be possible to set up a European Defense Ministry without simultaneously

visionary for some, it nevertheless represents *one sound answer* to nagging problems which will not go away" (*The NATO Story*, pp. 99, 100).

But now, with the exit of Charles de Gaulle, the greatest political obstacle to that "visionary concept" is gone.

Western Europe is astir with new hope for unity. The day after De Gaulle's defeat in the French referendum, Nyboe Andersen, Danish minister for Common Market affairs, said De Gaulle's defeat could mean a change in France's attitude toward the Common Market "much sooner than we expected."

The Danish official said that there will very likely be a change in France's policy toward the rest of Europe "though it will hardly happen immediately, but rather *in a year or two*."

So the impetus toward a United Europe has received a big boost.

What Will Happen

But the most dramatic developments of NATO's life — and the most *unexpected* — are just around the corner. What is going to happen to the



Left, Gerhard Schroeder, West German Minister, arrives for meetings. Right, Michael Stewart, British Foreign Secretary, arrives for NATO conference.

support, and better supranational planning and budgeting are all partial answers.

But the most obvious — and ominous — answer is this: "The elimination of some, if not all, of the separate national defense ministries, military hierarchies, and planning staffs, *merging*

creating a *strong common political authority* for most of Europe, or *radically transforming the Common Market* to serve in this way. It would also require that France and the United Kingdom be willing to share the nuclear deterrents with others.

"While this conception may still be

Atlantic Alliance in the next few years will surprise both its friends and foes. It will drastically affect the course of world history — and the course of your personal life.

Surprising as it may seem, Europe's future in the seventies has already

(Continued on page 47)

Dwight David Eisenhower

1890 - 1969

Another of America's great men is dead. Another old soldier is gone. Somehow, the death of General Dwight David Eisenhower touched a still tender part of the American heart — and perhaps it signalled the passing of more than just a man.

by Garner Ted Armstrong

IT WAS fully expected — for months we had known any morning's newspaper could bring the announcement of former President Eisenhower's death. Still — there was the shock and sadness.

Passing of an Era

Suddenly, Americans stopped to reflect on a different time. An era of men of stature came alive again as we reminisced about the victories of a forgotten war — and thought of names like Eisenhower, MacArthur, Churchill, Roosevelt, Halsey, King, Nimitz, Patton, Clark, and dozens more.

Perhaps one reason for sad reflection was that these belonged to a time when America was experiencing the taste of victory and triumph — when a hoped-for peace in the future was still bright with promise; that crew-cut time when Americans were closer together than today — much, much closer together. Perhaps there were other, more subtle reasons.

We sent our own correspondents to Washington to observe and photograph the various ceremonies in honor of General Eisenhower; to speak to the people of the nation's capital, and get the pulse of the events which brought many of the world's top political leaders to honor the memory of "Ike." We are publishing their brief report with this article. Read it carefully. It carries much of the irony of our times in its lines — the irony of pomp and ceremony amid fear and crime; of citizens unaware of General Eisenhower's death and irked by bothersome traffic delays, and the matter-of-fact attitude of people more curious than sad,



Wide World Photo
President Eisenhower selected this picture as an official photograph of himself in April 1957.

people with very little depth of feeling for a fallen man of courage.

As I watched some of the same ceremonies over nationwide television, and saw some of the hours-long network documentaries on the life of the former president, I was struck by a number of outstanding things about "Ike" which were perhaps more the measure of the man than his many military and political victories. Like the comment by a newscaster that the body would be carried in a special train to Abilene, Kansas, over the same railway the former President and his first lady had traveled so often en route to their winter home in Palm Springs, California — Mamie didn't like to fly. So the President, the former Supreme Allied Commander, was a man who did not demand that his wife undergo something a little frightening to her, even though

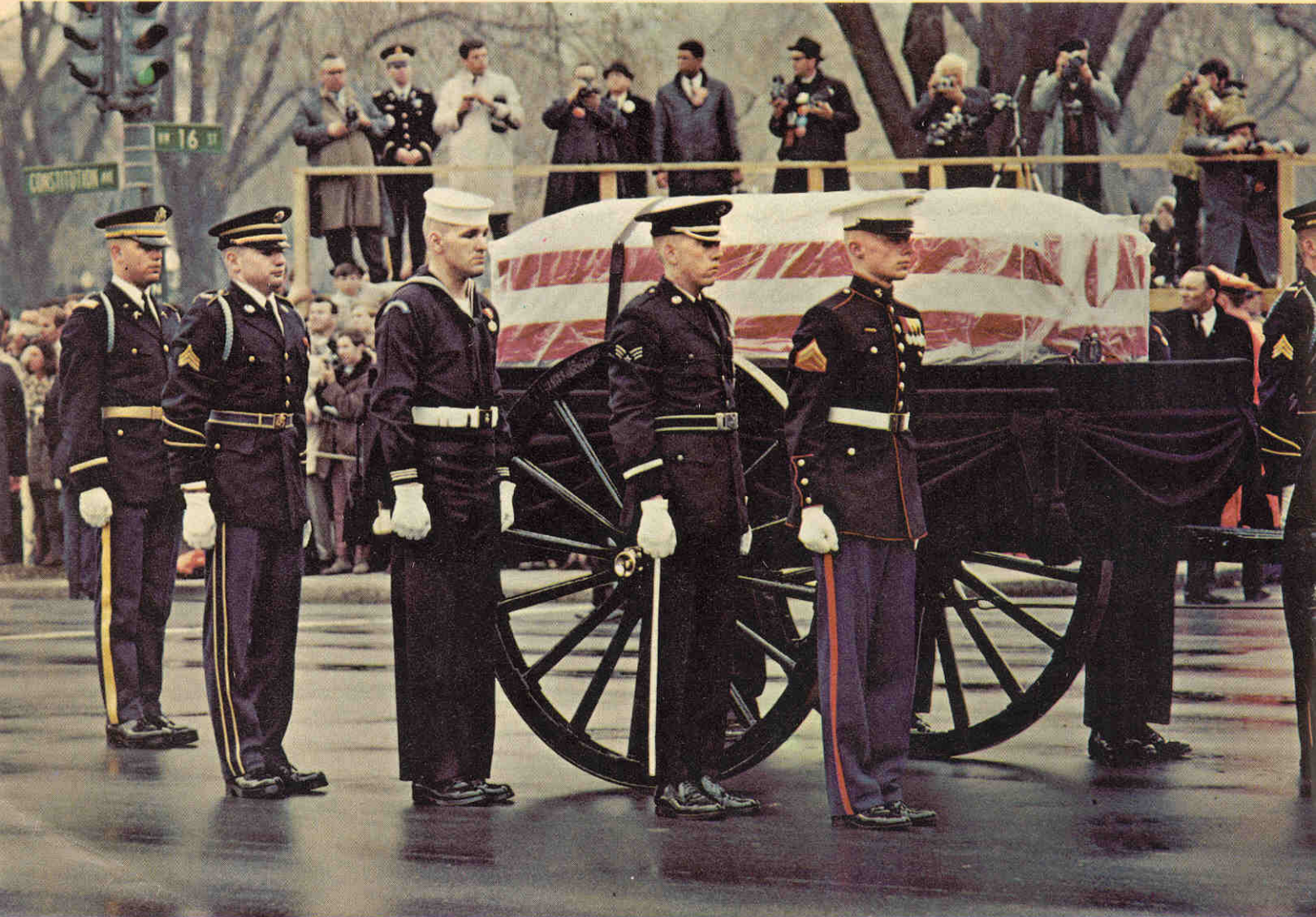
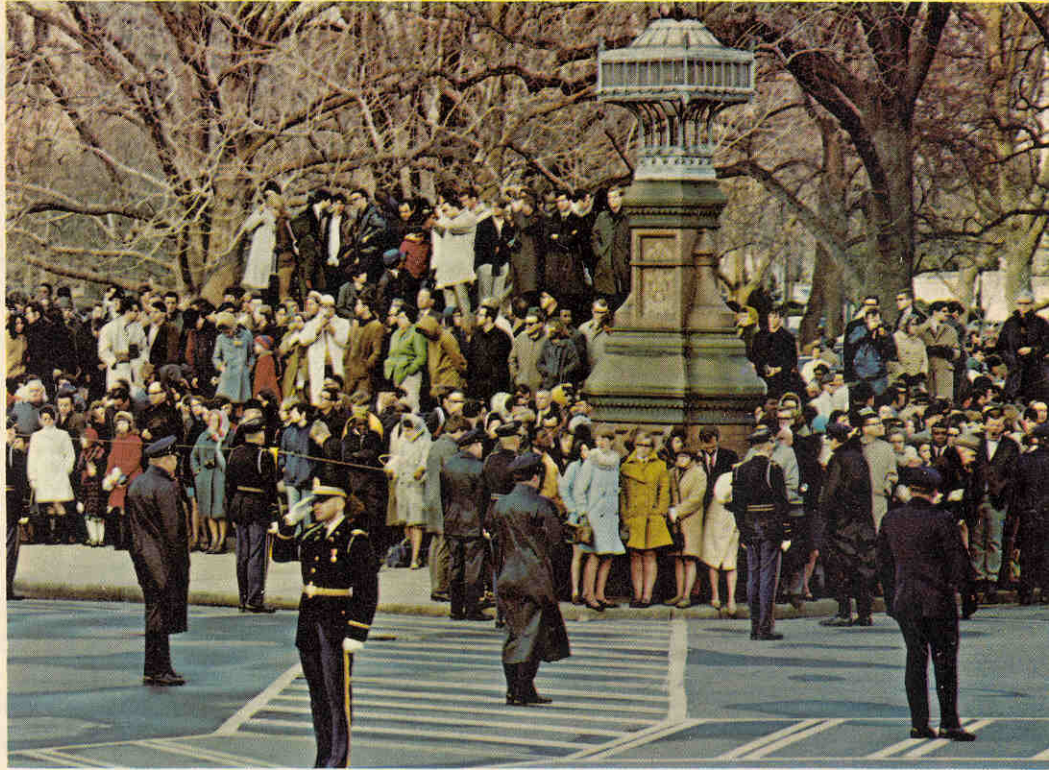
he had his *own* private airplane, "Air Force I."

Or like the General's reason for buying his Gettysburg farm. He said he had simply wanted to find some land — build it up, and leave behind him a piece of ground better than he found it.

"Ike" Eisenhower Human and Warm

His sincere comments from the American military cemetery near the Normandy beaches in France were revealing. Waving his hand toward the acres of stark white crosses, General Eisenhower talked of the irony of all those young men, cut off in their prime, assaulting the nearby beaches on the same day his own son was graduating from West Point. He went on to tell how his son had married, become the father of children ("precious to Mamie and me"), and had realized some of the fulfillments of life. He knew it could have easily been his own son lying under one of the white crosses there in Normandy — knew and sensed the grief each one of them represented for families all over the nation. Shaking his head, he expressed his heartfelt hope that mankind could learn the lessons from bitter death in war, and never again return to the battlefields that chopped young men down in their prime.

And that's what endeared "Ike" to other human beings. He was human — warm — unaffected. He was never a professional politician. He was completely believable. He may have stumbled over his words sometimes, had difficulty expressing himself — but



you always had the impression he meant what he said, and said what he meant.

Perhaps that, too, is what endeared General Eisenhower to millions of Americans, and millions abroad. He was unique in the past decades — a common man in high office, a plain-spoken, unaffected, simple man — even though having been a professional military officer.

The Qualities So Many Lack

And it's also interesting that millions *recognized* these simplest of human qualities in "Ike," and honor his memory *because* of them. Yet, they're the qualities ALL men should possess — at the very least — directness, a certain plain-spoken sincerity, honesty of feeling and mood. The very fact millions feel General Eisenhower to have been an OUTSTANDING leader for having possessed these qualities of character is in itself an indictment against our peoples for failing to have those same qualities. There is so precious little honesty, integrity, sincerity, just home-spun plainness today, that men stand in numb and silent recognition of those who have it.

General Eisenhower's desire to leave a piece of land a better place than he found it came true. But his dream of seeing the world a better place than he found it — despite having fought to make it so — was a shattered and empty thing. At the very moment "Ike" died, after his heroic and lengthy struggle against numerous heart attacks, a delicate intestinal operation and then pneumonia, one sees the white crosses again marching across the land. Thousands of other

... but did they really care?

Washington, D. C.

To the sound of thundering cannon salutes, and the traditional military strains of "Hail to the Chief," the flag-draped casket of former President Dwight David Eisenhower was borne up the east steps of the Capitol building. From our press vantage point directly in front of the steps we were eye-witnesses of this dramatic event. The arrival of the casket at the Capitol Rotunda was the climax of the traditional funeral procession down Constitution Avenue.

Chilling winds, and a gray overcast sky, showering mixed rain and snow, set the mood for this sober occasion. To the American public this was an all too familiar ceremony. Fellow newsmen, cab drivers, and other citizens gave us graphic comparisons with the recent funerals of John F. Kennedy, his brother Robert F. Kennedy, and Dr. Martin Luther King. These funerals had much in common. The pomp and pageantry. The horse-drawn caissons. The pressing crowds lining the streets along the procession way.

There was one difference most people overlooked. As one Washington paper editorialized, "A Nation Numbed by Murders Finds Release in a Quiet Death." Not all people were deeply moved by the death of former President Eisenhower. Succinctly stated one reporter, "His death was no surprise." As if surprise was the major criterion for honest emotion.

During the preparation for the funeral procession we were hailed by a passing motorist and asked, "What's going on here?" She wasn't even aware that General Eisenhower's funeral was taking place! This typified today's uninvolved, head-in-the-sand attitude. It seemed some people had been so calloused by the speedy sensation of recent assassinations that they were unable to show true heart-felt emotion.

While photographing the funeral procession from the White

House to Capitol Hill we noted a strange sight. Vendors selling ice cream, soft drinks and other confections. Despite the muffled reporting of the news broadcasters, the live scene was one of unemotional curiosity. Bernard D. Nossiter in the *Washington Post* commented, "It has been generally noted that the citizens who have filed past the casket of General Dwight David Eisenhower are mostly dry eyed, and not particularly moved; that they are curious, respectful, but essentially uninvolved."

After 24 hours of repose in the Capitol Rotunda the casket was taken by hearse to the Washington National Cathedral for religious services. We were stationed at the north transept entrance through which the funeral party was to pass. People began to arrive early to obtain a glimpse of the heads of state and foreign dignitaries who were gathering to pay homage to the soldier president.

But out of sight and sound of the television came the cheers of onlookers as leaders and celebrities arrived. One photographer by us incredulously remarked, "Cheering at a funeral just isn't done." While the prayer was being amplified to the assembled crowd one man remarked in a quite audible voice, "Yes, Ike has gone to that great P. X. in the sky." Behind our Press section a television commentator stood in front of a live camera with bowed head while beside him the crowd shuffled, some talking and joking, almost embarrassed. They seemed divorced from the soberness of the moment. They were more interested in seeing the personalities and public figures present than in paying tribute to the dead national leader. The general underlying attitude of numerous spectators in Washington was as if they were attending a national holiday rather than a state funeral.

John Kilburn
David Conn

Conn, Kilburn — Ambassador College

THE PASSING OF A HERO AND AN ERA

— Mourners, opposite page, top left, file into the Capitol Rotunda for a brief ceremony, as thousands line boulevard, top right. Through the night and into the next afternoon 55,000 people file past the casket to catch a glimpse of the man who had led his country as general and President. Bottom, casket containing body of former President Eisenhower on an artillery caisson being taken to the Rotunda of the U. S. Capitol.



Kilburn — Ambassador College

THE FINAL JOURNEY — After its rest at the Rotunda, the casket was returned to Washington Cathedral for the funeral. After the funeral, above, the casket was transferred to a train to be taken to Abilene, Kansas for burial.

young men are being chopped down in their prime, in Vietnam. Though he fought for it in war, and struggled for it as President of the most powerful country on earth in the respite between wars — General Eisenhower never found the “peace with justice” he so earnestly sought.

It was not because he didn't desire it; not because he did not sincerely investigate every possible avenue for understanding between nations; not because he did not stand ready to concede whatever was within reason to enemies for peaceful progress toward a world of harmony. It was because for all his deep personal religious feeling, and his desire for peace — the only way to lasting peace with justice still eluded him.

Headlines spoke wistfully of the memories of “Ike” bringing Americans together — of a renewed dedication to the principles of peace and harmony.

But other headlines continue to give the facts of daily brutalities, war, crime, suffering and death — and a divided, seething, crime-ridden, hate-filled America.

It is empty folly to suppose Americans — many of whom were only mildly irritated that “Ike's” funeral took so long, that the flags were at half-mast so long, that their quick trip to the shopping center was interrupted by the passing procession — will discover methods of peace and harmony through General Eisenhower's death, when they could not discover these values during

his life, while he was struggling to achieve them as the President.

So people paused for a few moments. Many did. Not all did. To honor a fallen soldier — to speak of all the good and endearing qualities in solemn eulogy of a man the world has called great. But a nation that was not shocked into drastic change by the sudden murder of President Eisenhower's successor in office; that was not sickened into national repentance and remorse by the shooting of Medgar Evers, Dr. Martin Luther King, and Robert Francis Kennedy, will hardly be expected to experience any lasting rededication of national purpose at the death of a tired old soldier.

America may have buried more than just a man.

LSD

THE WHOLE STORY

What is LSD? Is it harmless, as many claim? Is it addicting? How does it affect the human mind and body? Why are many "tripping" on LSD, and heatedly claiming it is GOOD? Here is the inside story — shocking, sobering, starkly grim.

by Leslie L. McCullough
and

The Ambassador College Research Staff

"SURE it's dangerous," said an acidhead. "But so is everything I enjoy. Why should I worry about my chromosomes when everything else in the world is so messed up?"

"Blow your mind, turn on, tune in, drop out." This is the slogan of young drug faddists. According to them, if you don't take drugs, you're absolutely "NOWHERE."

Chemical Roulette?

One LSD tripper took the drug and believed that he could fly. He jumped out of a 10-story window and fell to his death on the street below. He really ended up — *nowhere!*

Another, driving his car while under the influence of LSD, looked on all the red lights as something beautiful, beckoning him onward. He crashed and killed the occupants of another car.

One young fellow took LSD once. It didn't turn him on so he quit. *Two years later* he suffered a severe mental breakdown!

A 17-year-old, high on LSD, thought he was losing his sight because of the drug and tried to tear out his eyeballs "so my eyes can see." Another youth took the drug and was impelled to a compulsive search for someone to rape! One fellow, a heavy user, is totally convinced that he is an orange. He is

afraid if anyone touches him he may turn into orange juice.

Case after case could be cited — hundreds and thousands of them. Said Dr. J. Thomas Ungerleider, assistant professor of psychiatry at UCLA Medical Center: "It is totally UNPREDICTABLE who will have a bad experience. You can have 100 good trips — then a bumner. Even one trip will do it."

Dr. Marvin Block, vice-president of the U. S. National Council on Alcoholism, said a "successful" trip with LSD is about as rare as a successful swim across the top of Niagara Falls! He told a group of 650 teen-agers there were 250 young people confined to Bellevue Hospital in New York who were "totally insane only through use of LSD." He warned they would never recover!

Search for Identity

Most LSD users fall within the 18-30 age group. Most users of the drug have been students or "dropouts" searching for a meaning to life, looking for a new standard of values to live by.

Said Dr. Allan Y. Cohen, a former associate of Timothy Leary, "I once thought that LSD and other psychedelic drugs supplied answers. I 'tuned in, turned on, dropped out' for three years. . . . I saw that drugs do NOT make better people. There were still laziness, arguments, fear — it added

up to 'psychedelic hypocrisy.' Sure, we talked love, brotherhood, God — but when we were honest, we admitted that LSD was not as advertised."

Dr. Cohen admitted, "I saw that LSD users — myself included — did not live any more spiritual lives, although they thought they were very spiritual people."

What is the full story about LSD? What is the truth about this mind-bending drug? Is it really harmless, as some insist?

Is it addicting? How does it affect the human mind and body?

Universal Escapism

The world today is discontented. People are frustrated as never before. Massive human problems plague the human race — from war in Vietnam to the threat of famine; from crises in the Mideast to riots and crime. Marriage problems, competition in business, immorality and strife — these and millions of other worries cause millions to seek escape, a way "out of it all."

People today often seek "instant courage," or "instant relief." They want to experience new kicks, or intensify old thrills. Many thousands, in order to "get away from it all," attempt to draw a *chemical curtain* between themselves and REALITY!

In the United States, several millions have become drug dependent or drug

oriented. They cannot sleep, wake up or feel comfortable without drugs. The struggle to escape reality approaches a near mania. While adults heedlessly gulp barbiturates or amphetamines, youngsters turn to pot (marijuana), or "acid" (LSD).

Thousands are actually going OUT OF THEIR MINDS in a futile, tragic, empty search for relief, escape, new thrills! From college students and teen-agers to people in every walk of life, from middleclass to upperclass homes, people are exhorted to abdicate their responsibilities, drop out of the "rat race," and lose their minds in a euphoric mental nirvana!

Like dumb sheep, they are complying with those exhortations in ever-increasing numbers. They are leaving their homes, schools and friends. Thousands of them are even abdicating their place in organized society in favor of the communal life of the "hippies."

Worst Problem in Colleges

Drugs and their misuse have become one of the biggest problems facing U. S. colleges and universities. LSD (lysergic acid diethylamide) if not the most widespread has certainly been one of the worst of a dizzying lineup of mind-bending materials.

The problem reached such proportions that Dr. James L. Goddard, former Commissioner of the Food and Drug Administration, felt compelled to issue a stern letter of warning to the officials of more than 2,000 American colleges and universities. He warned that unless concerted action were taken by college officials, "an untold number of our students may suffer permanent mental and physical injury."

Widespread Use

Estimates of those who have used LSD range from about 50,000 (very conservative) to 500,000 (a much more likely figure). Some estimates go as high as one million (Dr. Timothy Leary).

Figures vary on the number of college students who have used or are using the drug. One estimate puts the figure at one percent of all college students. Others are not so conservative.



Lorton — Ambassador College

PSYCHEDELIC PHENOMENA — Disjointed, weird art typical of a hippie world seeking the "unusual." Paintings at entrance of building were done while either under influence of LSD or after having been on an LSD "trip."

Said a person from Greenwich Village, "Here in the Village you can't walk down the street without bumping into a head [LSD users are called *acidheads*]. From my own experience I can tell you of four large universities in this area where at least 40 percent of the student body has a nodding acquaintance with LSD, if they haven't already tried it."

He added, "Don't undersell the widespread use of LSD. Most of it is underground, but it is there, make no mistake about that."

Dr. Timothy Leary, high priest and apostle of the LSD movement, said in April 1966, "It is estimated that well over 100,000 Americans have taken the timeless voyage through their nervous systems — have had the veil of symbolic illusion lifted for a few hours. The next decade is going to be the most exciting period in human history." He declared, somewhat naively, "I predict that by 1970 between 10,000,000 and 30,000,000 Americans will have talked to their cells."

In a student survey conducted at the world-famous California Institute of Technology in Pasadena, California, out of the 1,290 filling out the questionnaire, nearly TWENTY PERCENT admitted the use of marijuana, one of the milder hallucinogens. Another NINE PERCENT affirmed they had tried LSD. Fifty percent of the undergraduates who have used LSD said *it had been in the last month*. There was no indication by any of those interviewed

that they would discontinue their use of the illicit drugs (*Los Angeles Times*).

Power of a Cube

LSD trippers, in describing their "trip," often speak of God, hell, nirvana, terror, revelation, ecstasy, horror, fear or anguish, joy, madness, beauty, ugliness.

Very little is really known about LSD's effects after it enters the body. What is known gives experts a real fright. LSD is so potent that less than two pounds of the stuff would be enough to send the entire population of New York City on a psychedelic trip to never-never land! A little more than forty pounds would be enough to send everybody in the United States on a psychedelic voyage into "inner space."

One ounce of LSD powder represents about 300,000 doses of 100 micrograms each. A small envelope may transport 10,000 doses through the mails. A box of facial powder could hold 15,000 doses. One kilo, which could supply 10 million doses of 100 micrograms, would have a street value (illicit) of \$50 million!

History of LSD

Illegal use stems from 1949 when knowledge of LSD and its reactions was confined to psychiatrists and psychologists who were using it in scientific experimentation only. In the early 1950's, the philosopher Aldous Huxley began to suggest its potential as a "mind-expanding" agent. Huxley's preachments met with ready acceptance

by a small group of teachers, headed by Dr. Timothy Leary of Harvard.

The use of students in mind-expanding experiments at the university's Center for Research and Personality gained wide notoriety and resulted in Leary's being dismissed from the university.

Today, Leary has a wide following and is known as the founder and high priest of the League for Spiritual Discovery — the first modern psychedelic religion. The League was founded to give credence to Leary's fight with the U.S. government over a thirty-year indictment for illegally transporting untaxed marijuana.

Intellectual Insanity

Only a few short years ago, the demented, mentally incompetent or insane person was to be pitied. Today, to "blow your mind" with drugs has come to represent, for many, a plane of *intellectual development*. It has become the "in thing" to do among those seeking new experiences or escape from life's problems.

You are supposed somehow to "find yourself" in insanity. According to Timothy Leary and Richard Alpert, another former Harvard psychologist and principal proponent of consciousness-expanding agents, "*It becomes necessary for us to go out of our minds in order to use our heads*" (David Solomon, *LSD: The Consciousness-Expanding Drug*, New York: Putnam's Sons, 1964, Introduction, p. xiii).

Dr. James L. Goddard, former Commissioner of Food and Drugs, while testifying before the Senate in May, 1966, said, "The records of many hospitals show the admission of patients who have taken this drug and have literally LOST THEIR MINDS. *They have lost the power to think and to reason and to create* — LOST all power to use what is so fundamental to a life of achievement" (Margaret Kreig, *Black Market Medicine*, Englewood Cliffs, New Jersey: Prentice-Hall, Inc., 1967, p. 294).

Yet LSD and other hallucinogens are purported to expand the mind and

to make it function in new inventive and creative ways!

Readily Available

Today, LSD is as close to you as your nearest college campus. At \$3 to \$5 a "cap," or dose, many student distributors pay their way through college at the expense of others.

One student dealer told of selling 450 LSD capsules in a ten-day period. He estimated 200 to 400 students at one of the prominent colleges use LSD EVERY WEEKEND! Fear of possible dangers is all that keeps thousands more from "taking a trip" — yet fear isn't sufficient to keep others from getting "high" two or three times weekly.

Although loudly proclaimed to be nonaddicting, "acid" — LSD — causes many students to become habituated. They drop out of school, work, and society to pursue the fleeting pleasures

to 250 micrograms of the colorless liquid, the user literally GOES OUT OF HIS MIND! *Time* and *space* become distorted. *Colors* intensify. Sounds take on greater depth, and many claim the ability to actually *see* musical notes suspended in the air. Colors throb, and sounds have color. Moods fluctuate widely from anxiety to fear, to panic, to ecstasy. The mind becomes completely *short-circuited*.

The forerunner of LSD was known and used by the ancients in the practice of medicine.

Centuries ago, European midwives used a black smutty substance derived from the diseased kernels of rye in the delivery of babies. The substance, now known as "ergot," is the result of a microscopic fungus (*Claviceps purpurea*). The spore of the fungus entered the ovary of a maturing kernel of rye bringing about the ergot (Norman



Maidani — Ambassador College

CRUDE LETTERING on English roadside wall has double meaning. In British usage L stands for pounds, S stands for shillings, D for pence. The connotation is money is a god. But purposely written to imply the drug LSD is god.

of LSD. The "acid-heads" then become obsessed with an almost missionary zeal "to turn other people on."

Not content to be quietly insane by themselves, they want to introduce others to the mysteries of LSD.

What Is LSD?

LSD is 100 times more powerful than psilocybin, a hallucinogenic derivative of the Mexican mushroom. It is 200 times more powerful than the narcotic cocaine, and 7,000 times as powerful as the peyote derivative, mescaline.

Within fifteen to forty-five minutes after taking the average dose of 200

Taylor, *Narcotics: Nature's Dangerous Gifts*, New York: Dell Publishing Co., Inc., 1966, p. 196).

The midwives recognized the highly toxic nature of the ergot and used it most circumspectly. Accidentally given in the first or second stage of labor, it frequently caused death. In the third stage, however, its action never failed to induce active contraction of the uterus.

Centuries passed before a loathsome physical disease known as *St. Anthony's Fire* was traced to the pathogenic ergot. In the 1950s, the mold on wheat caused virtually a whole town to go "insane" — hundreds were afflicted by

a strange madness. Authorities finally traced the cause to an imported wheat mold or fungus apparently akin to LSD.

In 1938 a Swiss chemist, Dr. Albert Hoffman, conducted a series of tests with various derivatives of lysergic acid, a component of ergot. On the twenty-fifth try, he produced the now familiar LSD. After swallowing some of his discovery, he wrote:

"I lost all control of time; *space* and *time* became *more and more disorganized* and I was overcome with fears that I was growing *crazy*. The worst part of it was that I was clearly aware of my condition, though I was incapable of stopping it. Occasionally *I felt as being outside my body*. I thought I had died" (Taylor, *Narcotics: Nature's Dangerous Gifts*, p. 200).

Unfortunately, Dr. Hoffman's fears were realized...he did become temporarily insane!

Continued experimentation led psychiatrists to assume LSD would be valuable in the treatment of alcoholism and psychoneurosis. *After nearly twenty years of research* and 2,000 papers published in scientific journals, NO VALID MEDICAL USE HAS AS YET BEEN FOUND! (Bureau of Drug Abuse Control, *Fact Sheet No. 5*, Food and Drug Administration — U. S. Department of Health, Education and Welfare — Washington, D.C., August 25, 1966).

What Are the Dangers?

The penalties for playing this drug version of Russian roulette can be awesome. For a few hours of hopefully blissful contemplation, the possible repercussions are a frightening price.

Psychic damage, personality damage, brain damage, epileptic seizures, genetic damage and physical crippling have all occurred in connection with the use of LSD! Add to these fearsome possibilities the automobile accidents and other cases of misjudgment resulting from the use of any mind-expanding materials and you have a powerful case for abstinence.

Consider the possibilities of genetic damage.

Dr. Maimon M. Cohen and Michelle J. Marinello of the State University of New York studied the effects of LSD on human chromosomes — the heredity-transmitting factors of the body. The results are sobering.

Geneticist Cohen found the same type of chromosomal damage occurred from LSD as that which results from radiation poisoning and intense X-ray exposure ("LSD May Damage Chromosomes," *Science News*, XCI, April 1, 1967, p. 312). His findings were further verified by additional studies conducted at the Oregon Regional Primate Center and the University of Oregon Medical School. Dr. Jose Egozcue said, "The damage seems to be related to the amount of LSD used" (*Los Angeles Times*, May 22, 1967). Abnormalities were found more frequently among those using doses of 300 micrograms or more.

One young mother in Portland, Oregon, had taken a *single dose* of LSD in the first month of her pregnancy. Her baby was found to be suffering from Hirschsprung's Disease, a defect of the lower intestinal tract that interferes with bowel movements. The child also had hyperplasia of the face — the right side of the head was developed far more than the left.

"From what we know," the geneticist said, "the baby would have abnormalities if the mother had taken large doses of LSD in the first three months she was pregnant. *The drug could be as dangerous to a developing foetus as Thalidomide*" (Bill Davidson, "The Hidden Evils of LSD," *Saturday Evening Post*; August 12, 1967, p. 20).

That's Not All

There is *no other* drug used so promiscuously which is as dangerous as LSD. IT IS ABSOLUTELY UNPREDICTABLE! Look at the record from just one hospital in New York.

In the 114 (LSD) cases hospitalized in a period of 18 months at Bellevue, the average age was 23 years. Thirteen percent entered the hospital with *overwhelming panic*. There was uncontrolled violence in 12 percent. Nearly 9 percent had attempted homicide or suicide — none successfully. One out of seven had to be sent on from Bellevue

to long-term mental hospitalization, and half of those had no previous history of underlying psychiatric disorder.

One student who took LSD broke his back. He suffered spasms and convulsions so violent that he broke two vertebrae. After recovery he tried the drug again four more times. The fifth time, he had another massive epileptic attack which finally convinced him to quit. Other grand mal, or epileptic seizures have been reported in persons who had no history of such an affliction until using LSD (Davidson, "The Hidden Evils of LSD").

Reports of psychotic episodes continue in spite of the efforts of the psychedelic community to play them down. At U.C.L.A.'s Neuropsychiatric Institute, LSD psychotics have become so numerous they are no longer admitted — instead they are sent directly to Camarillo, the state mental hospital. Dr. Duke D. Fisher, psychiatric resident, said, "We were overwhelmed with LSD cases to the extent that we didn't have room for *normally* disturbed persons — no joke intended" (Davidson, "The Hidden Evils of LSD").

No Safe Way to Take LSD!

Psychiatric interviews and psychological testing do not screen out those who may suffer from a bad trip. Physicians and other professionals who appear stable by every indication often produce the worst reactions.

Dr. William A. Frosch of the New York University Medical Center reported that more than 200 patients a year are being admitted to the Bellevue Hospital psychiatric wards, suffering various grades of *LSD-induced paranoia* and *schizophrenia*. Some cases are so bad, said Dr. Frosch, "that we have had to transfer them to state mental hospitals, and the patients are still committed there after more than a year."

NO ONE USING LSD IS IMMUNE!

LSD can lead straight to **INSANITY!** If you "blow your mind" you may never get it back in this life!

Warns the Los Angeles Police Department, "*Epileptic seizures, panic, depression, hallucinations, anxiety, con-*

May, 1969

fusion, suicidal tendencies, successful suicides, prolonged psychosis, and even homicides have been the product of this psychedelic substance."

One man slept on a floor because he thought his bed was only two inches long. Another man felt he had to offer a human sacrifice and tried to throw his girl friend off a building. A third man was standing on a cliff; he wanted to dive into the waves below because they resembled a silk scarf!

A writhing, screaming girl was taken to a hospital convinced she was shedding her skin like a snake. A Los Angeles woman shed her clothes and ran naked through the streets searching for cleansing from her sins. A husband who took LSD thought he was Christ; his wife, who also took it, believed him.

One young man took LSD and felt omnipotent. He ran out on the freeway to play with the "toy" cars and was killed.

Declared one tragic victim: "Yes, officer, I'm under the influence of LSD, but I haven't taken any for eight weeks. I see worms crawling out of my fingers. They are little black worms and I pick them out of my fingers and throw them on the floor. I see the same worms crawling right back in the same holes. I have worms crawling out of my ears, eyes and head and neck. My teeth are on fire. My eyeballs feel like buckets of blood."

Reaction to taking LSD can range from false peace to panic; from delirious fantasy to overwhelming fear; from other-worldly visions to revulsion and shrieking horror.

Hard-core LSD addicts who inject it into their bloodstream — "mainline" it for a faster result — have come down with hepatitis, local abscesses, endocarditis and other diseases.

The New Fad

LSD use appears, for the moment, to be declining. It is being replaced by a wide variety of substitutes — one even more harmful than LSD.

Many young people have taken up smoking aspirin, ingesting Ban deodorant, Accent flavoring and Murine eye-wash. Worse, however, is the fact that others are experimenting with the drug



Gentry— Ambassador College

"SPEED" — A QUICK WAY TO DIE! — "Speed" is the slang term for the hallucinogen with the hard-to-pronounce name of methamphetamine. It is similar to "pep pills" taken by millions of people. But its effects are much more dangerous. "Speed freaks", individuals who "shoot up" several times a day, may take 100 to 1000 times the amount a person might take for obesity, for example. The effects range from utter exhaustion, extreme depression, violence — to possible death.

methedrine — popularly known as "speed."

"SPEED KILLS" is more than a mere slogan.

A year ago hippies turned on with "weeds and beads." Now the slogan is "crystals and pistols." The crystals are the drug methedrine and the pistols refer to the increase in VIOLENCE among hippie flower children.

In 1968, almost all the 20 or so who were daily admitted to San Francisco General Hospital because of drugs were suffering acute psychotic episodes caused by methedrine, or "speed." Authorities estimated that as many as 5,000 acidheads in the San Francisco area used "speed" for their kicks.

Dr. Donald Louria warned, "Many who have decided LSD is not safe now go the route from marijuana to speed."

Methedrine is one of the highly dangerous amphetamines. Abuse of the amphetamines can cause a blackout from exhaustion or even schizophrenic symptoms.

Users of this drug may become violent, and are prone to pneumonia, malnutrition and exhaustion. Other effects may be high blood pressure, heart attacks, permanent brain damage.

Sociologist Lewis Yablonsky, who conducted a national survey of the hippies, estimated that some 40 percent of the hard-core hippies have turned to speed or methedrine. They have become "SPEED FREAKS," or "METH MON-

STERS," whichever you prefer to call them.

One user of speed declared, "The first time on speed is a beautiful high, but then it twists your head up and you become weird and violent. *You can kill someone in a minute.*"

Says one authority, after a person first uses speed, his or her life expectancy is a short FIVE YEARS!

Another one of the new hallucinogens replacing LSD among many drug users is called STP (don't confuse it with the automobile additive). The effects of this drug are similar to a secret military nerve gas. STP is in widespread use in California.

Users describe STP as a "mega-hallucinogen" and as "the caviar of psychedelics." They claim it takes three to four days to "come down" from an STP trip, whereas one dose of LSD usually lasts from 8 to 12 hours.

Can you imagine willingly giving up control of your mind even minutes, much less *hours or days*? Yet multiple thousands have turned to hallucinogens for escape from a boring, tedious life, in spite of the brain-chilling risks involved.

When they regain their minds, *if they do*, the realities of life still stare bleakly back at them. If they don't recover, stark confrontation with naked facts remains for their loved ones.

Speed and STP don't help. *There are no answers in "acid."*

RADIO LOG

"The WORLD TOMORROW"

MAJOR STATIONS

East

WOR — New York — 710 kc., 11:30 p.m. Sun.
WHN — New York — 1050 kc., 11:30 p.m. Sun.
WHAM — Rochester — 1180 kc., 11:30 p.m. Mon.-Fri., 10:30 a.m. Sun.
WWVA — Wheeling, W. Va. — 1170 kc., 98.7 FM, 5 a.m. and 8:30 p.m. Mon.-Fri., 10:30 a.m., 8:30 p.m. Sun.
*WRKO — Boston — 680 kc., 6:30 a.m. Sun. (WROR 98.5 FM, 8 a.m. Sun.)
WBAL — Baltimore — 1090 kc., 8:30 a.m. Sun.
WRVA — Richmond — 1140 kc., 10 p.m. Mon.-Sat., 10:30 p.m. Sun.
WPTF — Raleigh, N. C. — 680 kc., 94.7 FM, 1:30 & 10:30 p.m. Mon.-Sat., 9:30 a.m. Sun.
WBT — Charlotte, N. C. — 1110 kc., 8 p.m. Mon.-Fri., 11:05 p.m. Sun.

Central States

WLAC — Nashville — 1510 kc., 5 a.m. Mon.-Sat., 7 p.m. daily, 6:30 a.m. Sun.
WSM — Nashville — 650 kc., 9 p.m. Sun.
WCKY — Cincinnati — 1530 kc., 5 a.m. Mon.-Fri., 5:30 a.m. Sat., 12 midnight Tues.-Sun., 7, 9:30 p.m. Sun.
WLW — Cincinnati — 700 kc., 7 a.m. and 11:05 p.m. Sun.
WJJD — Chicago — 1160 kc., 11 a.m. Sun.
WISN — Milwaukee, Wis. — 1130 kc., 10:30 p.m. Sun.-Fri., 9 a.m. Sun., 97.3 FM, 8 p.m. daily.
KSTP — Minneapolis-St. Paul — 1500 kc., 5 a.m. Mon.-Sat., 8 a.m. Sun.
KXEL — Waterloo — 1540 kc., 9:30 p.m. Mon.-Sat., 8 p.m. Sun.
KRVN — Lexington, Nebr. — 880 kc., 3 p.m. Mon.-Sat., 10:30 a.m. Sun.
KXEN — St. Louis — 1010 kc., 7:15 a.m. & 12 noon Mon.-Sat., 10:30 a.m. & 4 p.m. Sun.

South

KRLD — Dallas — 1080 kc., 8:10 p.m. daily.
WFAA — Dallas — 820 kc., 10:45 p.m. Mon.-Sat.
KTRH — Houston — 740 kc., 7:30 p.m. Sun.-Fri.
WOAI — San Antonio — 1200 kc., 5 a.m. Mon.-Sat., 10:05 p.m. Sun.
KWKH — Shreveport — 1130 kc., 1 p.m. & 9:30 p.m. Mon.-Fri., 11:30 a.m. & 11:30 p.m. Sat., 10:30 a.m. & 9:30 p.m. Sun.
WNOE — New Orleans — 1060 kc., 9:30 a.m. Sun.
KAAY — Little Rock — 1090 kc., 5:15 a.m., 7:30 p.m. Mon.-Sat., 9:30 a.m., 7:30 p.m. Sun.
WGUN — Atlanta — 1010 kc., 11 a.m. Mon.-Sat., 4 p.m. Sun.
WAPI — Birmingham — 1070 kc., 10 a.m. Sun.
WMOO — Mobile — 1550 kc., 7 a.m. Mon.-Sat., 10:30 a.m. Sun.
WINQ — Tampa — 1010 kc., 12 noon Mon.-Fri., 12:10 p.m. Sat., Sun. (CST)
KRMG — Tulsa — 740 kc., 10 a.m. Sun.

*Asterisk indicates new station or time change.

XEG — 1050 kc., 9:30 p.m. daily.

Mountain States

KOA — Denver — 850 kc., 9:30 a.m. Sun.
KSWs — Roswell, N. Mex. — 1020 kc., 6:30 a.m. daily.
KSL — Salt Lake City — 1160 kc., 5:30 a.m., 11:15 p.m. daily.
XELO — 800 kc., 8 p.m. daily. (MST)

West Coast

KIRO — Seattle — 710 kc., 10:30 p.m. Mon.-Fri., 5:30 a.m. Mon.-Sat.
KRAK — Sacramento — 1140 kc., 9 p.m. daily.
KFAX — San Francisco — 1100 kc., 12:30 & 4:15 p.m. Mon.-Fri., 8:30 a.m. & 12:30 p.m. Sat., 10 a.m. Sun.
KFI — Los Angeles — 640 kc., 9 p.m. Sun.
KGBS — Los Angeles — 1020 kc., 97.0 FM, 6:05 a.m. Mon.-Sat., 10 a.m. Sun.
XERB — Lower Calif. — 1090 kc., 7 p.m. daily.

LEADING LOCAL-AREA STATIONS

East

WBMD — Baltimore — 750 kc., 12:30 p.m. daily.
WPEN — Philadelphia — 950 kc., 5:30 a.m. & 6:30 p.m. Mon.-Sat., 7 a.m. Sun.
WPIT — Pittsburgh — 730 kc., 101.5 FM, 12 noon Mon.-Fri., 1:30 p.m. Sat., 11 a.m. Sun.
WEDO — Pittsburgh — 810 kc., 7:30 a.m. Mon.-Sat.
WHP — Harrisburg, Pa. — 580 kc., 7:30 p.m. daily.
WJAC — Johnstown, Pa. — 850 kc., 7:30 p.m. daily.
WSAN — Allentown, Pa. — 1470 kc., 6:05 p.m. Mon.-Fri., 7:05 p.m. Sat., 8:30 p.m. Sun.
WSCR — Scranton, Pa. — 1320 kc., 12:30 & 6:30 p.m. daily.
WBRE — Wilkes-Barre, Pa. — 1340 kc., 98.5 FM, 11:30 a.m. Mon.-Fri., 1 p.m. Sat., 1:30 p.m. Sun.
WCHS — Charleston, W. Va. — 580 kc., 7:00 p.m. daily.
WCAW — Charleston, W. Va. — 680 kc., 12 noon daily.
WCIR — Beckley, W. Va. — 1060 kc., 12:30 p.m. daily.
WTVR — Richmond, Va. — 1380 kc., 7 p.m. daily.
WCYB — Bristol, Va. — 690 kc., 12:30 p.m. daily.
*WLOS — Asheville, N. C. — 1380 kc., 99.9 FM, 6:30 p.m. Mon.-Sat., 12 noon Sun.
WPAQ — Mount Airy, N. C. — 740 kc., 1:05 p.m. Mon.-Sat., 9:30 a.m. Sun.
WFNC — Fayetteville, N. C. — 940 kc., 98.1 FM, 1 p.m. daily.
*WNCT — Greenville, N. C. — 1070 kc., 9 p.m. daily.
WAAT — Trenton, N. J. — 1300 kc., 6 a.m. daily, 12 noon Mon.-Sat., 9:30 a.m. Sun.
WVNJ — Newark, N. J. — 620 kc., 6 a.m. Mon.-Sat.
WEVD — New York — 1330 kc., 97.9 FM, 10 p.m. daily.
WVOX — New Rochelle, N. Y. — 1460 kc., 93.5 FM, 6:30 a.m. Mon.-Sat., 8 a.m. Sun.
WBNX — New York — 1380 kc., 9:15 a.m. Sun. (in Spanish).

WOKO — Albany, N. Y. — 1460 kc., 6:30 p.m. daily.
WIBX — Utica, N. Y. — 950 kc., 7:30 p.m. daily.
WWOL — Buffalo, N. Y. — 1120 kc., 4 p.m. Sat., 10 a.m. Sun.
WHLD — Niagara Falls, N. Y. — 1270 kc., 12:30 p.m. Mon.-Sat., 1:30 p.m. Sun.
WWNH — Rochester, N. H. — 930 kc., 7:05 p.m. Mon.-Sat., 9:05 a.m. Sun.
WDEV — Waterbury, Vt. — 550 kc., 6:30 p.m. Mon.-Sat., 8 p.m. Sun.
WPOR — Portland, Me. — 1490 kc., 9 a.m. Sun.
WCSH — Portland, Me. — 970 kc., 6:30 p.m. Mon.-Sat., 7:30 p.m. Sun.
WCOU — Lewiston, Me. — 1240 kc., 9:30 p.m. Sun.
WLBZ — Bangor, Me. — 620 kc., 6:30 p.m. Mon.-Sat., 7:30 p.m. Sun.
WRYT — Boston — 950 kc., 6 a.m. Mon.-Fri., 12:30 p.m. Mon.-Sat., 12 noon Sun.
WBET — Brockton, Mass. — 1460 kc., 7:05 p.m. daily.
WMAS — Springfield, Mass. — 1450 kc., 94.7 FM, 6:30 p.m. Sun.
*WACE — Chicopee, Mass. — 730 kc., 12:30 p.m. daily.
WEIM — Fitchburg, Mass. — 1280 kc., 8:30 p.m. Sun.
WHMP — Northampton, Mass. — 1400 kc., 8:30 p.m. Sun.
WARE — Ware, Mass. — 1250 kc., 8:30 p.m. Sun.
*WJAR — Providence, R. I. — 920 kc., 6:30 p.m. daily.
WNLC — New London, Conn. — 1510 kc., 8:30 p.m. Sun.

Central

WSPD — Toledo, Ohio — 1370 kc., 9:05 p.m. Mon.-Sat., 9 p.m. Sun.
WERE — Cleveland — 1300 kc., 10:30 p.m. daily.
WSLR — Akron, Ohio — 1350 kc., 8 p.m. daily.
WFMJ — Youngstown, Ohio — 1390 kc., 10:30 p.m. daily.
WBNS — Columbus, Ohio — 1460 kc., 8:30 p.m. daily.
WBRJ — Marietta, Ohio — 910 kc., 12:30 p.m. daily.
WCLU — Cincinnati — 1320 kc., 12 noon daily.
WBCK — Battle Creek, Mich. — 930 kc., 7 p.m. Mon.-Fri., 12:30 p.m. Sat., Sun.
WKMF — Flint, Mich. — 1470 kc., 6:30 p.m. daily.
WIDG — St. Ignace, Mich. — 940 kc., 12:15 p.m. daily.
WDDB — Escanaba, Mich. — 680 kc., 6 a.m. Mon.-Sat.
WJPD — Ishpeming, Mich. — 1240 kc., 6:30 p.m. daily.
KWKY — Des Moines, Iowa — 1150 kc., 12:30 p.m., 9:30 p.m. daily.
WMT — Cedar Rapids — 600 kc., 11:30 a.m. Sun.
KMA — Shenandoah, Ia. — 960 kc., 8:30 p.m. daily.
WOC — Davenport, Ia. — 1420 kc., 10 p.m. daily.
KGLO — Mason City, Ia. — 1300 kc., 6:30 p.m. Mon.-Sat., 7:30 p.m. Sun.

(Continued on next page)

RADIO LOG

"The WORLD TOMORROW"

*KOZN — Omaha, Nebr. — 660 kc., 12:20 p.m. Mon.-Sat., 12:30 p.m. Sun.
 KMMJ — Grand Island, Nebr. — 750 kc., 4 p.m. daily.
 KSOO — Sioux Falls, S. Dak. — 1140 kc., 6:45 p.m. daily.
 WNAX — Yankton, S. Dak. — 570 kc., 7:30 p.m. daily.
 KFYR — Bismarck, N. Dak. — 550 kc., 7 p.m. daily.
 KFGO — Fargo, N. Dak. — 790 kc., 7 p.m. Mon.-Fri., 7:10 p.m. Sat. & Sun.
 WEAU — Chicago — 1330 kc., 8 a.m. & 12:15 p.m. Mon.-Sat., 9:30 a.m. Sun. (105.1 FM, 7 a.m. Mon.-Sat., 8 p.m. Sun.)
 WJOL — Joliet, Ill. — 1340 kc., 9:30 p.m. daily.
 WXCL — Peoria — 1350 kc., 7:05 p.m. daily.
 WITY — Danville, Ill. — 980 kc., 7 p.m. daily.
 WWCA — Gary, Ind. — 1270 kc., 6:30 p.m. Mon.-Sat., 4 p.m. Sun.
 WSBT — South Bend — 960 kc., 9:05 p.m. Mon.-Sat., 9 p.m. Sun.
 WJOB — Hammond, Ind. — 1230 kc., 7 p.m. Mon.-Sat., 6:30 p.m. Sun.
 WIBC — Indianapolis — 1070 kc., 9:30 p.m. Sun.
 KLIK — Jefferson City, Mo. — 950 kc., 1 p.m. daily.
 KFVS — Cape Girardeau, Mo. — 960 kc., 7 a.m. Mon.-Sat., 9:15 a.m. & 7:30 p.m. Sun.
 KWTO — Springfield, Mo. — 560 kc., 6:30 p.m. daily.
 KFEQ — St. Joseph, Mo. — 680 kc., 7 p.m. daily.
 KUDL — Kansas City, Mo. — 1380 kc., 5:40 a.m. Mon.-Sat., 8:30 a.m. & 11 p.m. Sun.
 *KFSB — Joplin, Mo. — 1310 kc., 12:30 p.m. Mon.-Sat., 6:30 p.m. Sun.
 WIBW — Topeka, Kans. — 580 kc., 9:30 p.m. Mon.-Sat., 9 a.m. Sun.
 KFDI — Wichita, Kans. — 1070 kc., 10 p.m. Mon.-Sat., 10 a.m. Sun.
 KFH — Wichita, Kans. — 1330 kc., 100.3 FM, 6:30 p.m. Mon.-Sat., 9:30 a.m. Sun.
 KBEA — Mission, Kans. — 1480 kc., 7 p.m. daily.
 KGGF — Coffeyville, Kans. — 690 kc., 6 p.m. daily.
 KUPK — Garden City, Kans. — 1050 kc., 97.3 FM, 12:30 p.m. Mon.-Sat., 12:15 p.m. Sun.
 KXXX — Colby, Kans. — 790 kc., 8:30 a.m. Mon.-Sat., 11:30 a.m. Sun.
 *KQRS — Minneapolis — 1440 kc., 92.5 FM, 8:30 p.m. daily.
 WEBC — Duluth, Minn. — 560 kc., 6:30 p.m. daily.
 WIBA — Madison, Wis. — 1310 kc., 7:05 p.m. Mon.-Fri., 6:05 p.m. Sat., Sun.
 WYLO — Milwaukee, Wis. — 540 kc., 12:30 p.m. Mon.-Sat., 10 a.m. Sun.
 WNFL — Green Bay — 1440 kc., 6:30 p.m. Mon.-Sat., 5 p.m. Sun.
 WSAU — Wausau, Wis. — 550 kc., 7:05 p.m. Mon.-Sat., 7 p.m. Sun.
 WCOW — Sparta, Wis. — 1290 kc., 6:30 a.m. Mon.-Sat., 10 a.m. Sun.

South

KEES — Gladewater, Tex. — 1430 kc., 12 noon daily.
 KTBB — Tyler, Tex. — 600 kc., 12 noon daily.
 KLVI — Beaumont, Tex. — 560 kc., 6:30 p.m. daily.
 KTBC — Austin — 590 kc., 5:30 a.m. Mon.-Sat., 9:30 a.m. Sun.
 KMAC — San Antonio — 630 kc., 7:15 a.m. Mon.-Sat., 9 a.m. Sun.
 KCTA — Corpus Christi, Tex. — 1030 kc., 12:30 p.m. Mon.-Fri., 4:30 p.m. Sat., 2 p.m. Sun.
 KTLU — Rusk, Tex. — 1580 kc., 1 p.m. Sun.
 XEWG — El Paso — 1240 kc., 9 a.m. Sun. (in Spanish).
 KNIT — Abilene, Tex. — 1280 kc., 8:15 p.m. Mon.-Sat., 8 a.m. Sun.
 KFYO — Lubbock, Tex. — 790 kc., 11:30 a.m. Mon.-Sat.
 KGNC — Amarillo — 710 kc., 7 p.m. daily.
 KCTX — Childress, Tex. — 1500 kc., 11:30 a.m. Mon.-Fri., 12:15 p.m. Sat., 2 p.m. Sun.
 KWFT — Wichita Falls — 620 kc., 8:30 a.m. Mon.-Sat., 4:30 p.m. Sun.
 *KFMJ — Tulsa — 1050 kc., 12 noon daily.
 KBYE — Oklahoma City — 890 kc., 12:30 p.m. Mon.-Sat., 10:30 a.m. Sun.
 KSIW — Woodward, Okla. — 1450 kc., 1 p.m. daily.
 KXLR — Little Rock — 1150 kc., 12:30 p.m. daily.
 KBHS — Hot Springs, Ark. — 590 kc., 12:30 p.m. daily.
 WWOM — New Orleans, La. — 600 kc., 95.8 FM, 12:15 p.m. daily.
 KWAM — Memphis — 990 kc., 11 a.m. Mon.-Sat., 10 a.m. Sun.
 WMQM — Memphis — 1480 kc., 12:30 p.m. Mon.-Sat., 1 p.m. Sun.
 WHBQ — Memphis — 560 kc., 9 a.m. Sun.
 WFWL — Camden, Tenn. — 1220 kc., 2 p.m. Sun.
 WDEF — Chattanooga — 1370 kc., 92.3 FM, 7:30 p.m. daily.
 WKXV — Knoxville — 900 kc., 12 noon daily.
 WBRC — Birmingham — 960 kc., 106.9 FM, 7:30 p.m. daily.
 WYDE — Birmingham — 850 kc., 7 p.m. Mon.-Sat., 9:30 a.m. Sun.
 WAAX — Gadsden, Ala. — 570 kc., 12:30 p.m. Mon.-Sat., 12 noon Sun.
 WCOV — Montgomery — 1170 kc., 6:30 p.m. daily.
 WMEN — Tallahassee — 1330 kc., 8:30 a.m. Mon.-Sat., 10:30 a.m. Sun.
 WFLA — Tampa — 970 kc., 7:05 p.m. daily.
 WINZ — Miami — 940 kc., 7 p.m. daily.
 WGBS — Miami — 710 kc., 9 a.m. Sun.
 WFAB — Miami — 990 kc., 9 a.m. Sun. (in Spanish).
 WFIV — Kissimmee, Fla. — 1080 kc., 7:30 a.m. Mon.-Sat., 12:30 p.m. Sun.
 WBIX — Jacksonville, Fla. — 1010 kc., 12:30 p.m. daily.
 WEAS — Savannah, Ga. — 900 kc., 12 noon daily.
 WMGA — Moultrie, Ga. — 1400 kc., 6:30 p.m. Mon.-Sat., 5:30 p.m. Sun.

WCSC — Charleston, S. C. — 1390 kc., 7:15 p.m. Mon.-Sat., 6:30 p.m. Sun.
 WKSC — Kershaw, S. C. — 1300 kc., 1:15 p.m. Sun.
 WLAP — Lexington, Ky. — 6:30 kc., 7 p.m. Mon.-Sat., 10:30 a.m. Sun.
 WKYX — Paducah, Ky. — 570 kc., 12:30 p.m. daily.

Mountain States

KASA — Phoenix — 1540 kc., 12:30 p.m. daily.
 *KCUB — Tucson — 1290 kc., 6 a.m. Mon.-Sat., 9:30 a.m. Sun.
 KTUC — Tucson — 1400 kc., 8 p.m. daily.
 KYUM — Yuma, Ariz. — 560 kc., 6:30 a.m. Mon.-Sat., 2 p.m. Sun.
 KCLS — Flagstaff, Ariz. — 600 kc., 12:30 p.m. daily.
 KGGM — Albuquerque — 610 kc., 6:30 p.m. daily.
 KLZ — Denver — 560 kc., 106.7 FM, 7:15 p.m. daily.
 KREX — Grand Junction, Colo. — 920 kc., 8 p.m. daily.
 KTWO — Casper, Wyo. — 1030 kc., 6:05 p.m. daily.
 *KMOR — Salt Lake City — 1230 kc., 6:35 a.m. Mon.-Fri., 6:30 a.m. Sat., 9 a.m. Sun.
 KBET — Reno — 1340 kc., 6:30 p.m. daily.
 KIDO — Boise, Idaho — 630 kc., 7:05 p.m. daily.
 KBOI — Boise — 670 kc., 6:30 p.m. daily.
 KTFI — Twin Falls, Idaho — 1270 kc., 7:05 p.m. daily.
 KSEI — Pocatello, Idaho — 930 kc., 8 p.m. daily.
 KMON — Great Falls, Mont. — 560 kc., 6:30 p.m. Mon.-Sat., 8 p.m. Sun.
 KOFI — Kalispell, Mont. — 1180 kc., 6:30 p.m. daily.

West Coast

KHQ — Spokane — 590 kc., 8:05 p.m. daily.
 KEPR — Pasco, Wash. — 610 kc., 7 p.m. daily.
 KIMA — Yakima, Wash. — 1460 kc., 6:30 p.m. daily.
 KVI — Seattle — 570 kc., 8 a.m. Sun.
 KBLE — Seattle — 1050 kc., 12 noon daily.
 KTW — Seattle — 1250 kc., 102.5 FM, 7:15 a.m. Mon.-Sat., 10 a.m. Sun.
 KMO — Tacoma, Wash. — 1360 kc., 8:30 p.m. daily.
 KARI — Bellingham — 550 kc., 6:30 p.m. daily.
 KWJJ — Portland — 1080 kc., 9 p.m. Mon.-Sat., 10 p.m. Sun.
 KLIQ — Portland — 1290 kc., 92.3 FM, 7:30 a.m. Mon.-Sat., 12 noon Sun.
 KEX — Portland — 1190 kc., 9 a.m. Sun.
 KGAY — Salem — 1430 kc., 6:30 a.m. Mon.-Sat., 9 a.m. Sun.
 KUGN — Eugene — 590 kc., 7 p.m. daily.
 KUMA — Pendleton, Ore. — 1290 kc., 6:30 p.m. daily.
 KYJC — Medford, Ore. — 1230 kc., 6:30 p.m. daily.
 KWIN — Ashland, Ore. — 580 kc., 7:30 p.m. daily.
 KAGO — Klamath Falls, Ore. — 1150 kc., 6:30 p.m. daily.

(Continued on next page)

RADIO LOG

"The WORLD TOMORROW"

*KSAY — San Francisco — 1010 kc., 6:15 a.m. Mon.-Sat., 8:30 a.m. Sun.
 KFRC — San Francisco — 610 kc., 106.1 FM, 7 a.m. Sun.
 KTRT — Truckee, Calif. — 1400 kc., 12:30 p.m. daily.
 KFIV — Modesto — 1360 kc., 6 a.m. Mon.-Sat., 9 a.m. Sun.
 KTOM — Salinas — 1380 kc., 7 p.m. daily.
 KBIF — Fresno — 900 kc., 7:30 a.m. Mon.-Fri., 4 p.m. Sat., 10 a.m. Sun.
 *KNGS — Hanford, Calif. — 620 kc., 10:30 p.m. daily.
 KCHJ — Delano, Calif. — 1010 kc., 7:30 a.m. Mon.-Sat., 8 a.m. Sun.
 KGEE — Bakersfield — 1230 kc., 5 p.m. daily.
 KVEC — San Luis Obispo, Calif. — 920 kc., 7 p.m. daily.
 KDB — Santa Barbara — 1490 kc., 93.7 FM, 7 p.m. daily.
 *KRKD — Los Angeles — 1150 kc., 96.3 FM, 7:05 p.m. daily, 9:30 a.m. Sun.
 KTYM — Inglewood — 1460 kc., 12 noon Mon.-Fri.
 KFOX — Long Beach — 1280 kc., 100.3 FM, 9 p.m. Mon.-Sat., 9:35 p.m. Sun.
 KBIG — Los Angeles — 740 kc., 10:30 a.m. Sun.
 KACE — San Bernardino-Riverside — 1570 kc., 7:05 a.m. Mon.-Sat., 9:30 a.m. Sun.
 *KCKC — San Bernardino — 1350 kc., 9 p.m. daily or before or after baseball.
 KMEN — San Bernardino — 1290 kc., 6 a.m. Sun.
 KCHV — Palm Springs — 970 kc., 6:30 a.m. Mon.-Sat., 12:30 p.m. Sun.
 KOGO — San Diego — 600 kc., 8:30 p.m. Sun.
 XEMO — Tijuana — 860 kc., 6 p.m. daily.
 *KALI — Los Angeles — 1430 kc., 7:15 a.m. Sun. (in Spanish).

Alaska & Hawaii

KFQD — Anchorage, Alaska — 750 kc., 7:30 p.m. daily.
 KFRB — Fairbanks — 900 kc., 6 p.m. daily.
 KNDI — Honolulu, Hawaii — 1270 kc., 6 a.m., 6 p.m. daily.
 KTRG — Honolulu, Hawaii — 990 kc., 5:30 p.m. Mon.-Sat., 12 noon Sun.

CANADA

VOCM — St. John's, Nfld. — 590 kc., 6:30 p.m. daily.
 CJCH — Halifax, N. S. — 920 kc., 10:30 p.m. Mon.-Sat., 10 p.m. Sun.
 CFBC — St. John, N.B. — 930 kc., 7 p.m. daily.
 CKCW — Moncton, N. B. — 1220 kc., 6 a.m. Mon.-Sat.
 CJEM — Edmundston, N. B. — 570 kc., 7:30 p.m. daily.
 CFMB — Montreal, Que. — 1410 kc., 6:30 a.m. Mon.-Sat., 1:30 p.m. Sun.
 CKOY — Ottawa, Ont. — 1310 kc., 5:30 a.m. Mon.-Sat.
 CJET — Smith Falls, Ont. — 630 kc., 7:30 p.m. Mon.-Sat., 10:30 a.m. Sun.
 CKWS — Kingston, Ont. — 960 kc., 8:30 p.m. Mon.-Fri., 10 p.m. Sat.
 CHEX — Peterborough, Ont. — 980 kc., 8:30 p.m. Mon.-Fri., 10:30 p.m. Sat.
 CKLB — Oshawa, Ont. — 1350 kc., 9:05 p.m. Mon.-Sat., 10:30 p.m. Sun.

CKFH — Toronto, Ont. — 1430 kc., 6 a.m. Mon.-Sat., 10 a.m. Sun.
 CHIN — Toronto, Ont. — 1540 kc., 12:00 p.m. daily.
 CKPC — Brantford, Ont. — 1380 kc., 7 p.m. daily.
 CHLO — St. Thomas, Ont. — 680 kc., 6 a.m. Mon.-Sat., 2:30 p.m. Sun.
 CHYR — Leamington, Ont. — 5:30 a.m. daily at 730 kc., 6:30 p.m. daily at 710 kc.
 CFCH — North Bay, Ont. — 600 kc., 8:30 p.m. Mon.-Fri., 7 a.m. Sun.
 CKSO — Sudbury, Ont. — 790 kc., 6 a.m. Mon.-Sat., 5:30 p.m. Sun.
 CKGB — Timmins, Ont. — 680 kc., 8:30 p.m. Mon.-Fri., 7 a.m. Sun.
 CJKL — Kirkland Lake, Ont. — 560 kc., 8:30 p.m. Mon.-Fri., 9:30 p.m. Sat.
 CKCY — Sault Ste. Marie, Ont. — 920 kc., 6:30 p.m. daily.
 CJNR — Elliot Lake, Ont. — 1340 kc., 6:30 p.m. daily.
 CJNR — Blind River, Ont. — 730 kc., 6:30 p.m. daily.
 CJLX — Fort William, Ont. — 800 kc., 7:30 p.m. Mon.-Sat., 6:25 p.m. Sun.
 CKY — Winnipeg, Man. — 580 kc., 5:30 a.m. Mon.-Sat., 7 a.m. Sun.
 CKDM — Dauphin, Man. — 730 kc., 6:30 p.m. daily.
 CKRM — Regina, Sask. — 980 kc., 8:30 p.m. daily.
 CHAB — Moose Jaw, Sask. — 800 kc., 8:30 p.m. Mon.-Sat., 11:05 p.m. Sun.
 CJGX — Yorkton, Sask. — 940 kc., 6:30 p.m. daily.
 CFQC — Saskatoon, Sask. — 600 kc., 8:30 p.m. daily.
 CJNB — North Battleford, Sask. — 1050 kc., 2:30 p.m. & 7:30 p.m. daily.
 CKBI — Prince Albert, Sask. — 900 kc., 7:30 p.m. Mon.-Fri., 8 p.m. Sat., 2 p.m. Sun.
 CKSA — Lloydminster, Sask.-Alta. — 1080 kc., 7 p.m. daily.
 CHED — Edmonton, Alta. — 630 kc., 5:30 a.m. Mon.-Sat., 9:30 a.m. Sun.
 CFCW — Camrose, Alta. — 790 kc., 8:30 p.m. Mon.-Sat., 2:30 p.m. Sun.
 CJDV — Drumheller, Alta. — 910 kc., 6 a.m. Mon.-Sat., 10:30 a.m. Sun.
 CHEC — Lethbridge, Alta. — 1090 kc., AM, 100.9 FM, 9 p.m. daily.
 CJYR — Edson, Alta. — 970 kc., 6:30 a.m. daily.
 CKYL — Peace River, Alta. — 610 kc., 6 a.m. Mon.-Sat., 7:30 p.m. Sun.
 CJVI — Victoria, B. C. — 900 kc., 8:30 p.m. Sun.-Fri.
 CKLG — Vancouver, B. C. — 730 kc., 99.3 FM, 6 a.m. Mon.-Sat., 7:30 a.m. Sun. AM, 6:30 a.m. Mon.-Fri. FM.
 *CKOK — Penticton, B.C. — 800 kc., 8:30 p.m. Mon.-Sat., 7:30 p.m. Sun.
 *CKOO — Oliver, B.C. — 1240 kc., 8:30 p.m. Mon.-Sat., 7:30 p.m. Sun.

In French —

CFMB — Montreal — 1410 kc., 5 p.m. Sat., Sun.
 CKJL — St. Jerome, Que. — 900 kc., 10:30 a.m. Sun.
 CKBL — Matane, Que. — 1250 kc., 10:45 a.m. Sat., Sun.
 CJSA — Ste. Agathe des Monts, Que. — 1230 kc., 6:30 p.m. Mon., Wed., Fri.

In Italian —

CFMB — Montreal — 1410 kc., 7:45 p.m. Sat.
 CHIN — Toronto — 1540 kc., 4:15 p.m. Sat.

EUROPE

In English —

MANX RADIO — 188 m. (1594 kc.) medium wave, 10:30 a.m., 7:30 p.m. Mon.-Sat., 2:45, 7:45 p.m. Sun.; 89 mc. VHF 7:30 p.m. Mon.-Sat., 7:45 p.m. Sun.

In Spanish

RADIO ESPAÑA — Madrid — 917 kc., 10:30 p.m. Wed.
 RADIO PANADES — Barcelona — 1106 kc., 7:25 p.m. Fri.
 RADIO MIRAMAR — Porto, Portugal — 782 kc., 10:30 p.m. Sat.

ASIA

Guam

RADIO GUAM — KUAM — 610 kc., 6 p.m. Sun.

Okinawa

RADIO OKINAWA — KSBK — 880 kc., 12:06 p.m. Sun.

CARIBBEAN AND LATIN AMERICA

In English —

ZBM 1 — Hamilton, Bermuda — 1235 kc., 8 p.m. Sun.
 ZBM 2 — Hamilton, Bermuda — 1340 kc., 2:30 p.m. Mon.-Sat.
 ZFB 1 — RADIO BERMUDA — 960 kc., 1:30 p.m. daily.
 JAMAICA BROADCASTING — Kingston — 560 kc., 4:45 a.m. daily. Mandeville — 620 kc., 4:45 a.m. daily. Montego Bay — 700 kc., 4:45 a.m. daily.
 Port Maria (Port Galina) — 750 kc., 4:45 a.m. daily.
 RADIO ANTILLES — Montserrat, W. I. — 930 kc., 6:30 p.m. daily.
 RADIO BARBADOS — Pine Hill, Barbados — 795 kc., 9:30 a.m. Mon.-Fri., 11 a.m. Sat., 10:30 a.m. Sun.
 RADIO REDIFFUSION — Bridgetown, Barbados — 10:20 a.m. Mon.-Fri., 9:30 a.m. Sat. & Sun.
 RADIO GUARDIAN, Trinidad — 10 p.m. Mon.-Sat., 6:15 p.m. Sun.
 GUYANA BROADCASTING SERVICE — Georgetown — 560 kc., 1:30 p.m. Mon.
 RADIO SURINAM — Paramaribo — 725 kc., between 7 and 8:30 p.m. or 10 a.m. and 1 p.m. daily.
 HOC21 — Panama City — 1115 kc.;
 HP5A — Panama City — 1170 kc.;
 HOK — Colon, Panama — 640 kc.;
 HP5K — Colon, Panama — 6005 kc. — 7 p.m. Sun.

In French —

RADIO ANTILLES — Montserrat, W. I. — 930 kc., 8:45 p.m. Mon., Thurs., Sat.
 4VBM — Port au Prince, Haiti — 1430 kc., 7:45 p.m. Wed.
 4VGM — Port au Prince, Haiti — 6165 kc., 7:45 p.m. Wed.
 RADIO CARAIBES — St. Lucia, W. I. — 840 kc., 6:30 a.m. Mon.-Fri.

For a complete worldwide Radio Log, write the Editor.

Exclusive Interview with

Phillip A. Luce EX-COMMUNIST



H. Clark — Ambassador Collège

Phillip A. Luce, left, with Garner Ted Armstrong on World Tomorrow interview.

"CAMPUS Erupts in Violence," "University Shut Down," "Demonstrating Students Jailed" — these are today's headlines. Parents, educators, students are becoming concerned. A few have dared to say Communism is, in major part, responsible for the chaos at our universities.

In order to get the facts about what is going on in our universities and WHY, we asked former Communist Phillip Abbott Luce for an exclusive interview.

Mr. Luce was a former editor of the monthly publication of the Progressive Labor Party. He labels it Communist, says it follows the line of immediate violent overthrow of society set down by the Chinese Communist Party. Phillip Luce was also a member of the party's national committee.

The Progressive Labor Party is very influential among dissident university students. As a result, Mr. Luce is in the key position of knowing how to

evaluate what is happening on our campuses — and WHY!

Phillip Luce left the world of Communism in 1965. Today he is a national symbol of resistance to the violent ultra-left movement. He lectures at many universities.

He has written several books, *The New Left*, *Intelligent Student's Guide to Survival* and *Road to Revolution: Communist Guerrilla Warfare in the U.S.A.* He has written numerous articles for leading magazines. Among them, *Reader's Digest* and *National Review*.

In this article, a composite of several interviews for *The PLAIN TRUTH* and *The WORLD TOMORROW* TV broadcast, Mr. Luce gives us the inside story of what is really happening on our campuses. He tells us how he personally got involved with Communism and the events which caused him to leave the movement.

QUESTION: As a former New Left leader, you had a key position in the movement. Yet today, you are a national symbol of resistance to the radical New Left. Can you briefly tell us what you're doing?

ANSWER: Yes, I spend a large part of my time touring various college campuses. I talk to young people about the pitfalls of Communism and the New Left.

Our parents and elders are in a state of wonderment over young

people joining the new Communist groups. Perhaps my story will help to convince them that the road to political reality does not lie with the Communists.

QUESTION: Would you tell us what was your direct affiliation with the extreme left? What organizations were you in?

ANSWER: I was on the national committee of the Progressive Labor Party. The Progressive Labor Party is the Communist organization in the

United States which follows the ideological line laid down by Peking and the Communist Chinese. It considers itself to be the most revolutionary party in the United States.

QUESTION: What was your job?

ANSWER: I was editor of their monthly publication and also a member of the national committee. I helped to organize trips to Cuba in 1963 and 1964. I was involved in a number of violent demonstrations in New York. I helped secrete guns into

the city of New York and had a small role organizing in the Harlem area prior to and during the riot situation in 1964. I was also a member of a small select cadre of people being trained to go abroad for a year. We were then to return to the United States and drop out of sight to take on different responsibilities in this country.

QUESTION: When in Cuba did you meet Cuban leaders?

ANSWER: Yes, we spent time with, I think, almost all of the Cuban leaders. Fidel Castro, Che Guevara, all of them on various levels. Sometimes openly and a few of us met with them privately.

We also — a few of us, two or three of us, had long conversations with the Chinese Communist delegation in Cuba. We met with the Albanian delegation and a number of the Latin American delegations.

We were promised at one point by the Venezuelan Communist group that if we returned to the United States and were arrested and imprisoned that they would blow up a couple of oil wells for us!

QUESTION: Did they reveal any of their particular plans so far as the future is concerned?

ANSWER: Just the belief again that revolutionary Communism would take place throughout the Western Hemisphere. They contended on a number of occasions that they couldn't tell us what to do in the United States because each country has its own individual problems and individual revolutionary potential. The Cubans said they wouldn't try to superimpose on us what they had learned in their own country.

QUESTION: Would you describe briefly your own personal involvement in the New Left and Communism? There was certainly some set of circumstances in your life that led you to become active in the movement?

ANSWER: As a matter of fact, my parents were relatively well-to-do. Extremely conservative. Politically I had a good childhood. All the comforts and love that one would need.

In high school or early college, I just joined in that general state of rebellion against parents, home, family life, politics, everything. Then I went to school to get my Bachelor's degree in Mississippi.

I began to do a lot of reading about socialism and social change at that time. And when I went to graduate school at Ohio State in Columbus, Ohio, I met many young people that were openly Marxist-Leninists. Some had been members of various far-left groups.

Those people with whom I was working at the graduate level all considered themselves to be Marxists. Some claimed to be Marxist-Leninists.

That had an influence on me. While I was at graduate school in Columbus, Ohio — Columbus, Ohio being a relatively conservative area of the country — it was quite the thing to be one of the flaming radicals on the campus. It certainly assured you of newspaper coverage and interviews. It assured you from time to time of just plain popularity.

QUESTION: Did you seek these people out as a result of your political beliefs which had been acquired in your education, or did they come to you because of some set of circumstances?

ANSWER: It was a combination of both. I was certainly at that time considering myself to be kind of a quasi-intellectual, Marxist-Leninist. And over a period of time, I decided that I had an obligation to myself and to my acquired ideology to join a party, an organization.

About this time I met people in the Progressive Labor Party. They talked to me, and I talked with them. And then finally, I decided to join. It didn't happen overnight. Nobody duped me. I made a horrible, incredible mistake both psychologically and politically. Something I will have to live with all my life. But nobody duped me, and I went into it feeling, at least, this is what I wanted.

Once I became a member, once I became an intricate part of the Communist movement, I began to discover any number of things, that I

had simply passed over. I discovered that we weren't really talking about freedom in the United States. We weren't talking about freedom for anybody! What we were simply doing was saying, "We want power so that we can control the country ourselves!"

There was tremendous repression within the organization. For example, we were involved in many illegal actions. But we weren't telling the membership, for instance, that guns were being stored illegally in New York City. All of these things began to bear on my mind.

QUESTION: Would you give us a little more background on how you became associated with the New Left?

ANSWER: I first became aware of the concept of the New Left when I en-



Kilburn — Ambassador College

STUDENT ARRESTS — Why so much unrest in colleges and universities? Who is to blame? What part do Communist agitators play?

tered Ohio State in 1958 to do graduate work in political science. And the first time I heard the phrase was in connection with the development of New Left clubs and the *New Left Review* in England.

In the fall of 1958, the civil-rights struggle was in full bloom. Picketing, sit-ins, boycotts, and free-

dom rides all captured the imagination of many young American students.

Here was an issue of importance activated by other young people. But more than that, the civil-rights struggle became an emotional outlet for protest against the entire system that bred the problem. Human rights and constitutional freedoms were considered vital. There was a strong feeling that no one had a right to discriminate and humiliate any other citizen because of his race.

By the time I got my Master's degree I began to involve myself half-heartedly in support of the activities of the Communist Party. I felt that this was the only organization of any radical significance around. I had come to believe that only through a radical change in society could we find the answers to our political problems. Political science courses had taught me that the democratic process "worked," but its pace was extremely slow.

As my reading of Marxist literature increased, I became convinced that the capitalist system was bound to create and continue the disparity between rich and poor that existed, and that the two-party political system in this country was designed to perpetuate a ruling-class mentality.

As I look back on this period in my life, I recognize that while I was drawn to Marxism as an intellectual concept, I was really involved in a general rebellion.

QUESTION: To what extent is hardcore Communism to be found and identified inside various student organizations which are involved in campus demonstrations today?

ANSWER: I spend most of my time today on the campuses, traveling around speaking to student groups, helping to organize a counteroffensive against the new leftists on these campuses. I'm constantly running into people that I knew years ago — some of whom were Communists — but all of whom were certainly revolutionaries in the early '60's.

I find these people in many of these demonstrations and organizations. I also know and have talked with a number of younger people who are members of SDS — Students for a Democratic Society. Some of them are extremely concerned that the Progressive Labor Party — the organization I used to work with and for — is coming very close to taking over their policy-making decisions. And if this happens, then certainly SDS will simply be nothing but a pawn for the Peking-oriented Progressive Labor Party in the United States.

Communists have taken over every organization they've ever gone into! They will attempt at all times to take over an organization such as SDS and mold it to their own plans and their own policies.

However, a distinction must be made between those Communists, such as in the Progressive Labor Party that are trying to take over SDS, and individual students on the campuses that are involved in demonstrations.

Because there are Communists in student movements does not mean that all students are Communists that are engaged in it. And I'm afraid that some people have this impression. It limits their understanding of the student revolt and it also limits their capability of countering these problems on the campuses.

QUESTION: Do you think that there has been a false image created by the press which tends to make people think that in every one of these protests there is Communist influence?

ANSWER: I think it certainly does, because if a person is called a Communist long enough, he begins to almost feel that he is.

The other thing is that the Communists love it!

It helps them to organize because then they can say, "Look, you know you're not a Communist. But look, everybody's calling you a Communist. Why don't you come and join us — actually be one! If people

are going to identify you as one, then why don't you be one!" We're constantly fighting this concept that all of them are Communists.

I think that the majority of those students that are actively engaged in "revolutionary activities" on the campuses are anarchists or nihilists. Many of them have no concept of Communism as a philosophy at all. There is an abysmal lack of education regarding political science, history and philosophy among the student radicals. They've never really read Marx; they've never read Lenin. They pick up a little Mao and a little bit of Che Guevara from reports that happen to appear in their local "free presses." But they've never read about Communism; they don't understand it.

QUESTION: How much student unrest is Communist directed?

ANSWER: There are Communists of course in many demonstrations and campus upheavals. They admit it. You can see them, you can point them out. That does not necessarily mean that all demonstrations are Communist controlled and inspired.

It simply means that over a period of time the Communists in the United States have done a very effective job of propagandizing. They have helped to create a climate wherein students will take to violent actions. It doesn't mean that a Communist has to be in a riot to direct it.

Besides, Communists don't like to be in violent demonstrations, not leadership Communists. They would rather have other people go out and do it.

QUESTION: What is the relationship between traditional Communism and the New Left?

ANSWER: The rise of the young Communist groups is a result of a concerted membership drive by the elder Communists to enlist those desiring to be "different." Rebellion against parents and social mores, a belief that Communism may hold the answers to the future, a nonfunctional democratic left that has left the field open

to the Communists, a McCarthy backlash, the civil-rights struggle, antagonism with our present involvement in Vietnam — all these helped to drive young students toward the Communist left.

The rise of China and Cuba as Communist powers also caused a number of young people to feel that Communism is the wave of the future, and, of course, they want to make sure they will be on the winning team.

Although the New Left has come to identify itself more and more with the precepts and ideology of the elders of Communism, it still holds some hostility for its forebears. The youthful New Left had been filled with hostility toward the adult world. The New Left has been losing its "newness" and has become more and more a mere radical outcropping of the Old Left. C. Wright Mills was replaced by Mao, and the prospect of free men acting rationally to change society became infused with and was then replaced by the concept of revolution and armed conflict. Not only did the ideology begin to change, but the very nature of the groups involved also changed. No longer do we see the anarchistic approach of the young radicals to individual social problems. All this has been replaced by a controlled logic that strongly resembles the editorials in the Chinese Communist weekly, *The Peking Review*.

QUESTION: We hear a lot about the generation gap. But if we look at student leaders, many of them are 30 or older. Why are the ones who dictate New Left policies over thirty?

ANSWER: Certainly for the left, revolutionary left, the generation gap means nothing. Any number of so-called leaders of the New Left would have to be discounted if age were the only criterion because almost all of them are over 30. Many of them are much older. Yet, they have the respect, toleration and possess the leadership ability that the younger people follow.

Younger people do look to older

individuals for knowledge, for authority in any number of situations.

Of course, Communists take on many different appearances. I was with the Progressive Labor Party in 1965. Beginning that year, an order went out in the Progressive Labor movement that every leader, if not every member of the organization, had to cut his hair and shave and begin to wear coats and ties.

If you go onto a campus today where Progressive Labor has strength, you look at them, and you begin to think, "Look at those nice fraternity boys standing there!" Well, in some cases, these are the people with bombs.

QUESTION: Why is the "New Left" so successful in attracting young people?

ANSWER: The New Left and the Communist Left *act*. We somewhat later decry their actions and condemn their fervor. The New Left is vital; we are passive. The New Left is concerned with changing society; we seem only concerned with basking in the rewards of our free enterprise system. The New Left is out to destroy not only our heritage of freedom and democracy, but possibly the whole of our country. We seem only willing to play coffee-cup politics.

So who is really to blame for the seriousness of this very real threat to our freedom?

The Communists? No! We are.

I know full well that this is not the kind of talk that people want to hear. I realize that it would be much better (and easier) to assure everyone that the New Left and the Communists are really only a figment of our imagination and that the anti-communist student groups are a vital force on our college campuses. It would be easier to say this, but it just wouldn't be true.

QUESTION: What type of student is drawn into various dissident groups — and also into Communist organizations?

ANSWER: It is the young student who feels frustrated, alienated, and angry

UNIVERSITIES IN TURMOIL —
Overturned furniture, burned records, paper hanging from walls after students "took over" building at leading university.

Ambassador College Photo

with the university, the system, and the apparent dichotomy between the theory and reality of our democratic scheme. He is usually fair game for young Communists.

Young Communists want to capture these rebels and use their anger for various left-wing programs. Berkeley is a case in point, where the young Communists tried to capture the rebels, once they "revolted" against the university. It's obviously more exciting, self-fulfilling and politically active to be marching around the block with a sign demanding "something" rather than sitting in the fraternity house and watching "Peyton Place."

The great appeal of the Cuban Revolution for the generation of the New Left was similar in many respects to the appeal the Russian Revolution held for the generation of my parents. Of course, those older and wiser knew of the pitfalls of Communism and revolution. They knew all about the purges, the splits, the faded hopes. For us, however, the past held few lessons. At the time of the Cuban Revolution, we were not concerned with the past.

Into this state of flux come the young Communists. This Communist Left is now actively at work on many campuses to capture the alienated and frustrated student, and to make him or her a pawn in their particular game. "Pawn" is the correct word, as the Marxists and Leninists will use the rebel for their own ends, while pretending their purpose is only to strike at the evil aspects of American society.

Not only has the rebel been used by the Communists, but he has been misled, if he believes that they have any answers to the problems he seeks to solve.

QUESTION: In surveying the whole field of campus disturbances, ghetto



riots and general civil unrest — what is it Communists hope to gain?

ANSWER: When it comes to seizing power against the will of the people, terror and deception are the only means that work. Because through the use of violence, terror and deception, a highly disciplined minority can seize power over a majority. Mao Tse-tung summed up the Communist concept when he said: "Every Communist must grasp the truth, 'political power grows out of the barrel of a gun.'"

In 1905 V. I. Lenin, the architect of worldwide Communist revolution, wrote, "Go to the youth: let them arm themselves with whatever weapons they can get — knife, revolver, oil-soaked rags for setting fires . . . some can undertake to assassinate a spy or blow up a police station, others can attack a bank to gain funds for the uprising. Let every squad learn if only by beating up police."

Let's not mince words: The Communists (no matter what mecca of Communism they relate to) are not exactly friendly used-car dealers. They will use violence and terror. But they have a variety of other *means* in their arsenal designed to gain the end result of communizing the free world and specifically the United States. They lacquer together their more direct methods with deceit, propaganda, and instigated confusion and anarchy.

The peace marches and rallies (partially organized, financed and dominated by the Communists) are used as a psychological wedge to attempt to influence world opinion against any United States action to withstand Communist aggression. They create the illusion that a majority of Americans are opposed to the United States lending assistance to a country threatened by Communist imperialism.

QUESTION: One wonders how so few left-wing militants are able to cause so much trouble. What do you feel is the role of the college professors and the administrators? *Why* do the

administrators and professors allow such violence on campus?

ANSWER: They are really part of an established kind of bureaucracy within the school system. They are often afraid to confront issues. For an administrator to be confronted by a problem is the worst thing that could happen to him. He'd much rather just sign papers.

QUESTION: Do you feel the press has overplayed the extent of student rebellion on campuses?

ANSWER: Yes. Throughout the country, we have good examples of the majority of students on a campus or a local strong minority standing up to the New Left and the New Left being defeated.

We have just such an example — the University of California, San Diego. The Left Wing in the liberal arts department called for a student strike. But they couldn't get a student strike going down there. They went into classrooms and they shouted and they did everything. But the chemistry students wouldn't go out; the engineering students wouldn't go out; the physics students wouldn't go out. And they formed the majority of the student population of the campus. So it failed. Nobody notices that.

The fact that the majority of the faculty at San Diego State College and at San Jose State College signed petitions opposing violence on the campus, refusing to go out on strike, refusing to support the strike at San Francisco State is ignored by the press.

The press is caught in its own quagmire at this point. It helped initially to promote violence by making people believe that the only thing anybody wanted to see on television was violence. It then came to the point where a New Left leader on a campus would pick up the phone and call the local press. He'd say, "We've got an organization here at this school, and if things aren't changed within twenty-four hours, we intend to blow it up."

And he makes front page news. The point is that he may have

three members in his organization, none of whom could even ignite a stick of dynamite, let alone a bomb.

QUESTION: Would you summarize exactly why you broke with the extremists on the left.

ANSWER: I left because of the activities I was involved in, because I felt like I was lying to myself. And mostly, because the realization came to me that, although we kept espousing freedom, although we kept saying that if we took power in the United States we would have real freedom, it was all a fraud!

I had lied to myself about it.

I contended that party members should at least know what we were doing. The organization argued "No." And I decided over a period of time that I was lying to those young people I was trying to bring into the organization. I tried to push through changes within the organization. It was impossible. And I said — I have made a horrible mistake! The only thing that I can do is to leave, to try to bring a few people with me, and to try to start in anew.

When one has been part and parcel of an ideology for many years, with strong beliefs and ties accompanying them, it is not easily challenged or dispensed with.

I then had to make a most difficult decision. Should I leave the movement silently, quietly, as so many others had done before or risk the censure of those who had once been my friends and tell of the personal experience, political truths, and illegal activities that forced me to "split"?

The friends who were no longer friendly, the attempts at personal slander, the chorus that now sang out my name as the most dangerous enemy of all, the attempts to isolate me — all were expected. But the contemptuous and defamatory quality of the attacks was not. The only thing one can say is that the Old and New Left have this in common — they have no scruples when it comes to one who sways from their prescribed faith.

And Now . . .

SCIENCE WANTS TO *PLAY* GOD!

Did scientists CREATE LIFE in a test tube? Scientists claim to be standing on the threshold of playing GOD — claiming CREATIVE powers! Many say, "It's only a matter of time!" Read, in this informative article, just what scientists have REALLY created — by THEIR own admission.

by Garner Ted Armstrong and Paul Kroll

EVOLUTIONISTS no longer speak of the "theory" of evolution. Many now insist it to be **FACT**. *That*, in the light of the many articles in these pages of *The PLAIN TRUTH* showing the huge, gaping flaws in the evolutionary theory, seems shocking.

But there is the element of *faith*, of an almost fanatical insistence on the virtues of their theories, though **PROVED** incorrect. It is inescapably evident in the writings of many evolutionists.

As our past articles have proved, many evolutionists accept, with **NO PROOF**, creation without a Creator. They accept it as an "article of *faith*," according to one world-famous Nobel-prize-winning scientist. And what a faith it is! Dogma, absolutism, a near-fanatical clinging to shattered theories in spite of evidence to the contrary. And, perhaps most significant of all, a religious-like reliance on prophecies for the *future*.

Science Promises . . .

Scientists have made dumbfounding claims for the future.

"Creating" life is the heart and core of their promises. It includes promises of creating special viruses to attack and consume cancers. Control of sex and number of children. Even control of height, weight, color and texture of hair and eyes, and — you guessed it — ultimate creation of human beings and **IMMORTALITY!**

Strangely, thousands upon thousands fully believe this new religion; possessing equal faith with its leaders that their messianic promises will come true.

But there is another analogy evident in the new dogmatism of evolution. It comes complete with the same cloudy terms, vague words — and **IGNORANCE** in its followers.

How much does the average layman **KNOW** about evolutionary claims? How much about the physical sciences? The life sciences? Does the average housewife — reading the latest sensational article in the newspaper by the trusted "science writer" (all newspapers seem to have one; he often needs no special credentials, but usually has been a specialist in this or that science) about genes, viruses, and the "test tube life" scientists speculate on — even recognize the language used? Usually not.

Like laymen from time immemorial who either listened to their religious service in a completely foreign tongue, or else listened to words they didn't understand in their *own* tongue, so modern laymen are usually very much in the dark about evolutionary pronouncements.

But they have faith in scientists. And many scientists have faith in evolution. And like some theologians who say you **CANNOT PROVE** there is a God, so evolutionists insist you must accept **ON FAITH** that life spontaneously appeared on earth without a Lifegiver; that order and design are here, automatically,

without a Designer; that laws — rigid, powerful, forceful laws — are possible without a Lawgiver; that the whole thing continues to operate without a Sustainer, and that a creation just **HAPPENED** to occur, without a great Creator!

You have to admire faith like that. Like admiration and dutiful respect for the quaint religious rites, including strange, hidden incantations, gibberish and mutterings, among Amazonian Indians; like accepting the beliefs of the religion of Tibetan mountain people. You can at least be tolerant of it, vaguely amused by it, even made curious — but would you **ACCEPT** it without **PROOF**?

Now let's ask some questions evolution can't answer.

The Gap Between Life and the Nonliving

But how did **LIFE** begin? What is the difference between life and death? What is life, and what is **NOT** living? Even **THIS** clear-cut understanding is being made increasingly foggier by some recent evolutionary claims. From the time you attended your first funeral, or saw death at close hand, you were horribly convinced of the vast, inseparable differences between life and death. By looking at an inanimate rock and a beautiful flower, you could appreciate the vast difference between inanimate matter, and a living, metabolic

*(Text continued on page 26 —
illustrations on pages 24 and 25)*

DNA REPRODUCES

NO EVOLUTION HERE

Scientists are still in a state of shock after having discovered the basic blueprint of life.

They call it DNA—short for the almost unpronounceable word *deoxyribonucleic acid*. DNA is a genetic code, like a master computer or file. It is in the nucleus of every living cell. Its programmed instructions, for example, make a cow reproduce a calf, not some other kind of animal, or make a liver cell reproduce a liver cell and not a heart cell.

This genetic recipe is so complex that the entire DNA system within a human contains as much information as several encyclopedia sets, or one hundred large dictionaries.

DNA—with incredible accuracy—will direct the reproduction of a colt from a horse. It will split any living cell into exact twins. This DNA could be likened to a master stencil grinding out endless copies of itself.

But—and here is the phenomenal KEY that allows mind-defying variety within a set kind. When a new life is engendered—two DNA codes or stencils are used—one each contained in the father's and mother's chromosomes. DNA reproduces a limitless amount of variety, all molded by a similar template. This variety, though extraordinary in scope, is limited by the fact that parents are of a similar kind.

As a result, variety within a species can reach astronomical proportions. (For example, note the number of varieties among moths and butterflies.) But, because DNA reproduces itself exactly, kind reproduces kind. Evolution cannot occur!

BUILDING BLOCKS OF DNA (Deoxyribonucleic acid)

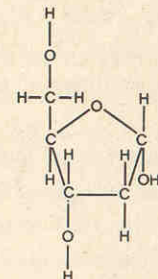
DNA is composed of an ingeniously simple alphabet, consisting of four chemical units—bound together by two others. These four chemicals—adenine (A), guanine (G), cytosine (C), and thymine (T) are strung out along a DNA strand. These four are nucleic acids. They are tied to deoxyribose sugars (hence, the term *deoxyribonucleic acids*). The sugars are tied together by phosphate molecules, to form the strand. See illustration below which shows four base steps chemically arranged on one strand. Human DNA can contain billions of such steps. Two complementary strands hook together and form a giant spiral ladder twisted into a double helix.



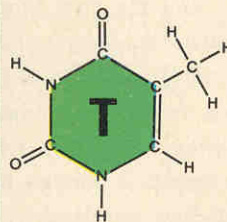
CYTOSINE



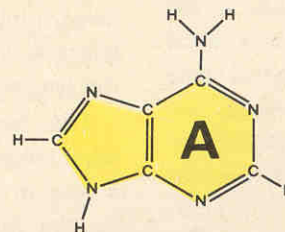
GUANINE



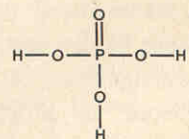
SUGAR



THYMINE

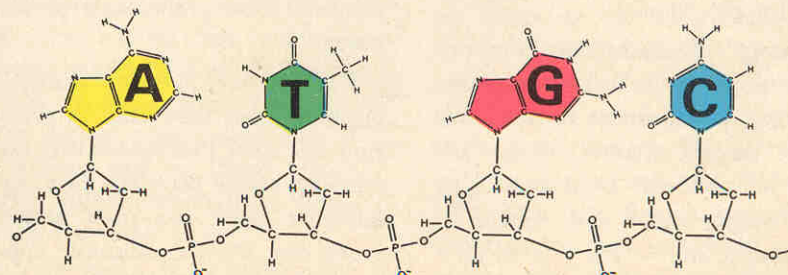


ADENINE



PHOSPHATE

Pacific Science Foundation Photo



LIFE "AFTER ITS KIND!"

DNA UNZIPS ITSELF

DNA molecule unwinds and begins to split. The miracle of kind reproducing kind has begun! Each of the four-card symbols represents the four nucleic acids, G, C, A, T. Note that adenine-thymine and guanine-cytosine are always found together.

NEXT, COPIES ITSELF

The nucleic acid bases along both strands pick up *complementary nucleotides floating freely in the cell nucleus*. Linked by sugars and phosphates, the newly formed strands of DNA join and begin to retwist into a double helix.

THEN, DOUBLES ITSELF

When the entire cell DNA (which means the entire chromosome) has been duplicated the job is finished. There are now two cells and each is an exact twin of the other.

© Ambassador College



organism. But even *this* obvious difference is becoming confused in the minds of some.

Let's take a look at some of the most sensational claims of evolution in all history.

Three biologists recently collaborated in making a copy of what is considered the "most basic *part*" (remember that!) of life found in living things. That "most basic part" they call DNA — short for Deoxyribonucleic acid.

The "discovery" rocked the scientific world. The feat was hailed as one of the greatest accomplishments in the history of science.

The electrifying announcement came after eleven years of research by Arthur Kornberg, head of Stanford's department of Biochemistry, and Dr. Mehran Goulian, of the University of Chicago. They had worked in close collaboration with Dr. Robert L. Sinsheimer of California Institute of Technology, and others.

Former President Johnson hailed the breakthrough as the "most important news story you ever read, or your daddy read or your granddaddy ever read..." He said the scientists had "unlocked a fundamental secret of life."

Dr. James A. Shannon, director of the National Institute of Health, declared that this new achievement "unquestionably will stand as one of the great landmarks of research in the life sciences."

The headlines, as always, get a little enthusiastic, as you will see.

The Modern Prognosticators

"Man the Creator!" chortled one title. "Life in a Tube," wistfully stated another. And, perhaps more conservatively, another asked, "Has Life been Created in a Test Tube?"

The modern seers, astrologers, Chaldeans and prognosticators had a field day. Immediately came predictions that scientists would create exact duplicate Einsteins, Mozarts, Churchills, and other greats — fortunately no one promised another Hitler.

Secret cancer and virus cures — remedies for inherited diseases — were breathlessly said to be "just around the

corner." The headlines grew more raucous by the day. Some appeared with such awe-inspiring titles as "Genetic Control Foretold," and, with a science-fiction twist, "Clones are Coming — They're People Evolved Vegetatively."

Some people, no doubt, are under the impression science has ALREADY created "life" in a test tube.

Not even close. But then, there is nothing "close" to life. It's either life — or NOT life — and, to repeat a phrase used on *The WORLD TOMORROW* program frequently, if a doctor solemnly announces to expectant relatives that he "almost" saved their loved one — it's not exactly greeted with the enthusiasm of scientific pronouncements about DNA.

But laymen remain confident in the new religion. Many fully expect science WILL create LIFE — and that it is, truly, "just around the corner."

Hitler screamed, "*Germany today — tomorrow the WORLD.*" But listen to the claims made in stories following the wake of the DNA experiments. Under a title "Man the Creator" you could read these words: "To learn to control life, we must create it," said the Russian scientist Alexandr Oparin. "We are progressing so quickly toward this goal these days it is hard for science prophets to keep up their status as visionaries." Interesting language, isn't it? Visionaries, prophets — promises of wonderful creations.

"Today we're working with viruses. Tomorrow... we'll be building *complete living systems*," said Professor Sol Spiegelman of the University of Illinois. He claimed he wouldn't be surprised if the synthesis of a whole CELL happened within ten years.

At least one scientist, Prof. Charles Price of the University of Pennsylvania, called for making the synthetic creation of life a NATIONAL GOAL; like the man on the moon project. He added: "Should these men re-enact the origin of life, they will make man a creator in truth." Yes — you read it right. Scientists want to become GOD. After all, a NAME of God in the Bible is the CREATOR. So science now wants to become *God* — to CREATE — to DECIDE about life. Amazing goals, indeed.

But What Did They REALLY "Create?"

But what REALLY happened in that test tube? *Did* scientists CREATE LIFE? *Did* they achieve a breakthrough so important it's the greatest news since the Civil War? *Are* they on the brink of becoming GODS?

Dr. Kornberg, one of the original men involved in the DNA experiment, was questioned at a news conference. He said, "Within ten years, it will be possible to modify genes to produce specific biologic changes in animals and human beings." He also claimed, "The discovery might also enable scientists to create artificial viruses which would attack and kill cancers."

One of the reporters asked the inevitable question — whether he had, indeed, "created life." Dr. Kornberg answered, "There is no one accepted definition of the word, 'life.'" But, he added, "...with reservations I've mentioned it would be fair to say viral DNA is a simple or primitive form of life."

Also questioned was Dr. Goulian. He replied, "Different people mean different things by life... if you grant a virus is alive or that naked DNA is alive, then this was a *creation of life*" (*Newsweek*, p. 50, 12/25/67).

But, SHOULD it be granted that a virus is *alive*, and that naked DNA is alive, does it really make any difference?

An Intellectual Conspiracy?

Today, there seems to be a subtle conspiracy about to convince people of the "simplicity" of life — to DESTROY the truth that "life is too complex to have evolved anywhere" (a statement, by the way, made by a leading scientist). By casting away the importance of the unity of the cell — that tiny "unit" of all life forms, scientists have succeeded in convincing many doubting laymen.

For an insight into how the cell is minimized, listen to what the Russian scientist, Oparin, had to say: "As long as the cell is considered as the unit of life, the origin of life must remain a paradox. But like the erstwhile atom in chemistry, the cell has *lost its prestige*

as the ultimate unit in biology...the concept of a cell as the unit of life has been *thrown out of the window together with the atom*" (*The Origin of Life*, Preface, p. XVI, A. I. Oparin).

But why discard it?

So that modern science could wipe out the *border line* between life and nonlife. In order to take away any meaning from the question "What is life?"

True, the cell is made up of vast numbers of subcellular particles. And just how complex *THEY* are, we'll soon see. But all these particles by *themselves* do NOT spell life.

Some scientists realize this problem. As a result, a controversy rages on the question of what is life — even among scientists who accept evolution.

For example, notice what one scientist, Hans Gaffron, admitted at a panel on the origin of life.

"Matter can practically always be defined in terms of physics, chemistry and biochemistry. This certainly is *not enough* to define life.

"We might ask: If we ingest food, at what moment does the food become living: Of course it never does. One could follow a particle of assimilated food, no matter how complex, and wherever one finds it in the living organism, it is dead. It is the *PROCESS* in which it takes part that defines it, and NOT THE MATTER of which it is composed...so the essence of life is found in the *PROCESS OF LIVING* and not in any constituents of living cells" (*Issues in Evolution*, Vol. III, Sol Tax, editor, p. 72).

The Importance of the Cell

This scientist had grasped the central and most important point in all the talk about experiments to "create" life.

It is the *SPECIAL ORGANIZATION*; the incredible organization; the mind-defying organization of the cell, that spells the fundamental unit of life.

To explain how life originated, you must explain how AN ENTIRE CELL — with its mind-defying reactions and interreactions — *SUDDENLY* came to be.

As another biologist admits:

"The cell can be defined as the *SMALLEST* organized unit of any living form which is capable of prolonged independent existence and replacement of its own substance in a suitable environment" (*Cell Biology*, John Paul, p. 8).

A living system — a one-celled animal being the simplest — is an *EXTREMELY COMPLEX* organization of nonliving materials. Life is a dynamic process of unimagined complexity.

Of course, all materials, living and nonliving, are formed of certain basic units called atoms — and these are formed of yet smaller units. Atoms are then combined into molecules.

Living systems are mixtures of very large and complex molecules that function with other molecules in a *co-ordinated manner*. These very large and most intricate molecules are proteins — still NOT LIVING by themselves.

But then vast multitudes of protein molecules and other elements are organized into living material called cells. The life is in the *PROCESS*; not the material.

Organizing for Life

Suddenly, these nonliving particles — and we'll soon see their complexity — are caught up in a *PROCESS* we call life. But life is a *process* which organizes material and gives it self-contained motivation.

Of course, this physical life in the cell is not guided by some "élan vital" or metaphysical "vital force" as some scientists who rejected God, but saw that natural selection *couldn't account* for life, believed.

In order to answer the question, What is life? you must explain how intricate materials could *SUDDENLY* be organized in a process we call life.

As one evolutionist admitted:

"It is apparent that all living organisms are composed of the *same basic materials* and units found in the non-living world. That life is a manifestation of much greater complexity than any nonliving system is underscored when we stop to realize that even the simplest cell is composed of *thousands of different kinds* of molecules operating together in a co-ordinated

fashion" (*Evolution*, Jay M. Savage, pp. 6, 7).

It's the process we call life that has been endowed with the ability to take *NONliving* materials and to convert them into its cellular system.

The cell is composed of a vast amount of compounds — which in themselves practically defy description. Multiple processes work together in a meticulous organization that makes a factory look crude by comparison!

All the while the cell must move. It must operate, function — live.

One author admits:

"From the original intake of raw materials from the environment to the duplication of the last molecule in the mature cell, these tiny machines must lead from one to the other, the last dependent on the first and the first on the last.

"A failure of even one could conceivably bring the whole chain to a halt, resulting in the *death* of the organism. For one of the essential facts about life is that it must *KEEP GOING* to stay alive" (*Understanding Evolution*, Herbert Ross, p. 33).

Amazing Complexity of Cell

Without intercellular bonds, the human body would collapse into a heap. Without the selectivity in which cells associate, there would be no tissues, no organs — just a vast clump of nondescript cells.

It is said that the *SMALLEST* living cell may contain over a *quarter of a million* protein molecules. All these *CO-ORDINATE* their activities so that what emerges is this churning, pulsating phenomenon we call "life."

"A well-known biologist summed up the activities of the cell with the following analogy: 'When we consider the teeming activity of a modern city it is difficult to realize that in the cells of our bodies infinitely more complicated processes are at work — ceaseless manufacture, acquisition of food, storage, improvement, transport, disposal of waste, surveillance, communication and administration.' All this takes place in *SUPERB HARMONY*, with the co-operation of all the participants of a living

system, regulated down to the smallest detail" (*What Science Knows About Life*, Heinz Wolterek, p. 49).

And yet, some scientists think that all life evolved. It's no wonder they seek to escape the cell and hide among subcellular particles. It is no wonder they want to obliterate the *real distinction* that exists between life and non-life. It's no wonder every new discovery of how some piece of the cellular "watch" looks and works is hailed as another step supposedly proving life came from nonlife.

Imagine, if you can, a great city such as New York or London coming together — evolving OF ITS OWN SELF. Ridiculous, of course, but a cell is MORE complex, more exact, more orderly.

Let's see some more fascinating things about cells.

Staggering Complexity

The adult human being, according to some estimates, has 100 trillion cells. A 100 trillion written out looks like this: 100,000,000,000,000.

Even that has little meaning! And, notice how *small* these cells are.

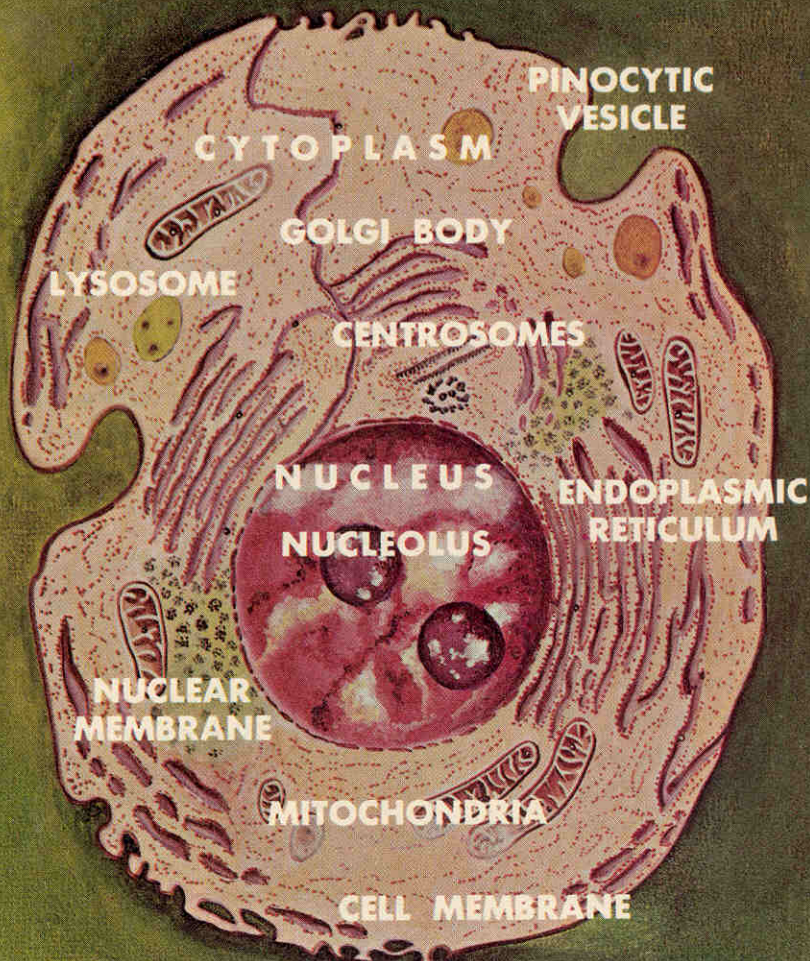
"The cells of living things are usually too small to be seen with the naked eye. The average cell is so tiny that a line of 250 of them, arranged end to end, would be only one inch long" (*How Life Began*, Irving Adler, p. 46).

End to end, these 100 trillion cells — small as they are — would stretch for over 6,300,000 miles. That's enough cells to stretch TWO HUNDRED TIMES around the earth — and have sufficient left over for several *round trips* between Los Angeles and London.

Some cells are as tiny as 0.004 millimeter! That means to get *one inch* you would need 6,250 cells — set end on end. Or you need 250 to make one millimeter.

The third dimension or thickness of the usual cell *wall* is about 0.0000075 millimeter. For those on the metric system, it would require over 133,000 cell walls stacked up to make ONE millimeter.

Or it would take a stack of 3,333,000 cell walls to make ONE INCH. Yet, the cell wall itself is an amazing entity. It is so constructed that it can control



A TYPICAL CELL



**The Adult Human
Being Is
Estimated to
Have
100 TRILLION
CELLS**



**End to End
These 100 Trillion
Cells Would
Stretch Over
200 TIMES
AROUND the EARTH!**

what goes in and out on the molecular level.

A truly amazing accomplishment. But even more staggering is the relationship of cells and *your heredity*.

The Cell and You

"At the present moment there are about 2,750,000,000 [book written in 1959] human beings alive on the face of this earth. Allowing one sperm and one egg to each of them as being responsible both for their existence and their genetic heredity, we have a total of 5,500,000,000 germ cells involved, a number which could be contained in about *two and a half quart milk bottles*" (*Human Heredity*, Ashley Montagu, p. 28).

The author went on in his amazing analogy:

"The sperm cells would occupy the space of less than an aspirin tablet. In fact, the chromosomes, the actual bearers of the hereditary particles, the genes, within the cells of this huge number would occupy the space of LESS THAN HALF an aspirin tablet!"

Can your mind comprehend it?

Every characteristic of every human — at least from the father's side — fitting into a volume that could rest comfortably on the end of your finger.

From the two cells — the egg and the sperm — which combine into one, two cells will develop, then four, then eight, then sixteen. They will continue to multiply until the trillions upon trillions of cells that make up the adult are formed.

At birth, the average baby will weigh TWO BILLION times his weight at fertilization. Adults will weigh FIFTY billion times their weight at conception!

And this all evolved? NONSENSE!

From a sperm and egg — which must be seen with a microscope — emerges a living organism that is perfect, complete and complex. Each organ is the *right* size, in the *right* place, carries out the *right* functions.

How do the right cells seem to organize themselves into tissues? Why are appropriate cells always available when

interactions involving their development are scheduled to occur?

Why do cells have different "life" spans? White blood cells live 13 days; red blood cells live 120 days; some epithelial cells live one and one-half days; nerve cells live 100 years. The latter life span is strangely fortunate, because nerve cells DO NOT REPLACE themselves!

What It Takes to Make a Cell

Everything on earth is composed of one or more of the 103 chemical elements.

Just a small part of these elements are fitted together to form the "elements of life."

Carbon, hydrogen, oxygen, nitrogen, sulfur and phosphorus are the principal atomic building blocks of both proteins — the basic structural material in man and animals — and nucleic acid, of which genetic material is composed.

Living things are composed of hundreds of thousands of varieties of protein.

"Protein comes in forms as various as silk, fingernails, skin, hormones, enzymes, peanuts and viruses. Gelatin, egg albumin, pepsin, casein and insulin are pure protein... some 50,000 DIFFERENT kinds of protein account for nearly half of the dry weight of the human body" (*Viruses and the Nature of Life*, Stanley and Valens, p. 156).

But amazingly, these proteins are all built up from sequences of only TWENTY amino acids. Here we have a few molecular units, which can be ingeniously combined to provide MULTIPLE THOUSANDS of different kinds of proteins.

A Formula for Milk

To get an inkling — and not much more — of how utterly complex proteins are, here is a comparison. Water is H₂O or two atoms of hydrogen and one atom of oxygen.

But below is the formula for a "simple" protein found in milk, casein: C₇₀₈ H₁₁₃₀ O₂₂₄ N₁₈₀ S₄ P₄. That means a molecule of "simple" casein has 708 atoms of carbon, 1130 atoms of hydrogen, 224 atoms of oxygen, 180 atoms of nitrogen, 4 atoms of sulfur and 4 atoms of phosphorus.

Deciphering the proper sequence and arrangement of the atoms is another story altogether.

These atoms are bound together into units called amino acids. It is the 20 amino acids that are grouped in sequences to form all the multitudes of proteins.

However, these components are completely standard forms for *all* life. Glycine, leucine, tyrosine, and all the rest can be obtained out of human protein, whale protein, bat protein, trout protein, snail protein, dandelion protein, or bacterial protein.

Tyrosine from one is identical to the tyrosine from all the others, and so on for the remaining amino acids.

But does this prove evolution? No! It proves life forms have standard forms of protein. If anything, this proves that a Master Molecular Biologist — the Creator God — used some basic protein molds in creating life.

Behind the Protein

These giant protein molecules are infinitesimally small but irritatingly complex. Ultracentrifuges, scanning electron microscopes, X-ray spectrometers, tracer materials, chromatography methods and all other attempts by chemists have only recently pried open a few of the yet secret atomic structures of proteins.

It wasn't until 1958 that F. Sanger received a Nobel prize for working out the sequence of amino acids in the insulin protein. Its molecule contains only 51 amino acid units. An AVERAGE-sized molecule contains SIX HUNDRED amino acid units.

Hemoglobin is such an "average" protein.

"A *single* red blood cell contains about 280 MILLION molecules of hemoglobin. Each molecule has 64,500 times the weight of a hydrogen atom and is made up of about 10,000 atoms of hydrogen, carbon, nitrogen, oxygen and sulphur, plus four atoms of iron, which are more important than the rest" ("The Hemoglobin Molecule," H. F. Perutz, *Scientific American*, pp. 64, 65, November, 1964).

The entire process is a marvel of

engineering achievement on a sub-microscopic level.

But that's only half of the story.

Genes, Genesis and Evolution

How are proteins manufactured and brought into existence? After all, we begin from one cell, and must GROW.

The answer lies in the other half of the structure of life — *the genes* — made of nucleic acid.

In the human body, the first cell contains 23 pairs of chromosomes — one set from the mother, the other from the father. Each chromosome is made up of a whole string of genes. These determine the sum total of characteristics and growth processes of a given human being or any organism.

A gene is a small part of a giant molecule, which is believed to consist mainly of a chemical substance called deoxyribonucleic acid — DNA for short. Chromosomes are made of DNA plus protein coats. This DNA is the blueprint that directs the manufacture of proteins.

"What is the size of a gene? It is ultramicroscopically small... Estimates of size range between 4 or 50 millimicrons in diameter — a millimicron is one millionth of a millimeter" (*Human Heredity*, Ashley Montagu, p. 32).

Based on the smaller size, it would take 500,000 of them to cover the period at the end of a sentence!

If one assigns to man 1250 genes in each chromosome of just his sex cells, "In a single mating the possible combinations between the twenty-three chromosomes of the male and those of the female are 8,388,608 or two raised to the twenty-third power, and the chance of any one such combination occurring more than once is one in approximately 70,000,000,000,000 or seventy trillion" (*Human Heredity*, Ashley Montagu, p. 33).

Yet, once again, it can miraculously — like some ultra computer — transmit and select the exact information so that the body grows and functions according to precise law.

Even though these proteins and nucleic acids possess awesome complexity — they *do not* constitute life of THEMSELVES! Rather, they are all part of a process of living. ALL the com-

ponents of a cell or organism had to be put together and "started" simultaneously in order for life to be. When death ensues (which is the absence of life) — all these components fall apart with surprising speed, and disintegrate into dust.

But in spite of the obvious, scientists continue to seek for some "link" between the living and not living. One popular idea was that viruses constituted this much-sought-after KEY.

The Inside Story of Viruses

Practically all species and orders of animals and plants — from germs to trees, and especially man, are subject to virus disease. Why they become subject to virus diseases is another question and belongs under the study of health.

In 1918, one of the most catastrophic plagues since the bubonic plague of the Middle Ages struck the world. Over ONE HALF BILLION PEOPLE throughout the world were affected. Some 20,000,000 died. The disease was influenza, produced by a virus in *weak bodies*.

One single polio virus particle can infect one human cell and produce 10,000 new polio virus cells in a matter of hours. But it takes millions of them to produce a visible speck.

"Although the individual virus is a great giant among chemical molecules, it would take 1,000,000,000,000,000 polio viruses to fill a pingpong ball..." (*Viruses and the Nature of Life*, Stanley and Valens, p. 9).

Size of Viruses

A simple plant virus like the Tobacco Mosaic Virus has one strand of nucleic acid (DNA) wrapped in a coat of protein.

Bacterial viruses are more complicated. They have special proteins by which they chemically attach themselves to cells. The smallpox virus is larger yet. It is just within the range of the light microscope. The others cannot be seen except under the electron microscope.

The gap in size between the largest virus and smallest bacterium is filled by a group of microorganisms called Rickettsia. They are responsible for

such diseases as Rocky Mountain spotted fever and Q fever.

Observing this phenomenon, one author comments:

"We can now see a *single, continuous sequence* of gradually increasing complexity. In terms of structure, we can trace a sequence of closely related objects all the way from the atom, through the simple molecule, the macromolecule, the virus, the bacterium, and the jellyfish, to man" (*Viruses and the Nature of Life*, Stanley and Valens, p. 37).

What does this continuity prove? Does it demonstrate evolution? Absolutely not!

All it proves is that there is a sequence of complexity from atoms to man! But does it prove one turned into another? Again, no!

Are Viruses Living Organisms?

Atoms are atoms, viruses are viruses — chemical packages of protein and nucleic acid. Bacteria are bacteria — very simple LIVING substances. No one has seen one "change" into another.

But viruses are UNUSUAL things. As mentioned... outside of a host cell — they seem to be completely lifeless combinations of nucleic acid and protein.

A virus has no means of locomotion. It is constantly pushed around by the bombardment of the speeding molecules of the liquid in which it is suspended.

Suddenly: Contact Is Made

As the virus is knocked around in solution, it brushes against cells. When it strikes a cell that is susceptible, the virus attaches itself chemically to the cell wall. Then another enzyme, connected with the protein covering, chemically DISSOLVES the cell wall, and the DNA of the virus is injected into the host cell.

Only the DNA goes into the cell! At that moment, the virus as such *no longer exists*. The protein coat is no longer part of the drama. It is discarded *outside* the cell! The DNA of the virus now becomes part of the host cell.

It subverts the cell's original DNA and takes over the cellular machinery. It

POLIO VIRUS

Magnified 130,000 Times

TOBACCO MOSAIC VIRUS

Magnified 70,000 Times

Robley Williams — Berkeley Virus Laboratory Photos

ARE VIRUSES LINK IN "CHAIN OF LIFE"?

Top, Polio virus, magnified 130,000 times. Bottom, Tobacco Mosaic Virus, magnified 70,000 times. Viruses are highly unusual. When outside of most cells, they appear to be completely lifeless. But when the DNA of a virus enters a host cell, the viral DNA can subvert the cell machinery to produce

copies of itself. Because of the unusual qualities of a virus, controversy rages as to whether viruses are alive or not. Some evolutionists even claim they are a link in the chain of life from atoms to man. The surprising answers in this article prove viruses do not demonstrate life evolved from atom to man.

now causes the cell to manufacture the *virus components* instead of the CELL parts.

The newly injected viral DNA not only reproduces itself but also serves as a *template* to produce a PROTEIN SHELL for itself! When enough viruses are duplicated, the cell explodes, releasing about a hundred virus particles — which are once again lifeless.

These inert viruses float around until once again they engage a weak cell and the process is repeated. It has been proven, for example, in the Tobacco Mosaic Virus (TMV) that if the cell has a special protein called interferon, it can PROTECT itself against a virus infection. But if it is "weakened" through malnutrition and cannot produce enough of it, the cell becomes a candidate for infection.

Therefore, the REASON for the existence of viruses is quite clear. When bodies are diseased, because of wrong diet and living, cells may not contain the proper chemical nutrients. And viruses are there to *check* the *spread* of DISEASED plants, animals or whatever.

But scientists don't seem to realize WHY we have all these diseases or why viruses exist. Their minds are focused on the *eater* (the virus) instead of what is *being eaten* (the diseased or unhealthy cell). Too many are too busy trying to prove whether viruses are the link between living and nonliving. Or they are trying to identify viruses and destroy THEM — rather than bolstering the first line of body defense against the virus, by being sure the body is healthy in the first place.

Are Viruses a Link?

But what about viruses? Can they really be a *link* between the living and nonliving? Did lifeless molecules give rise to viruses which in turn gave rise to the simplest cells?

Let's have a scientist answer the question himself:

"What about the old idea that viruses are precursors of life? It is to be hoped that no reader of this book will fall for that any more.

"Cells, with their complex dynamic organization, are the absolutely essen-

tial prerequisite for virus propagation, and life must therefore have begun on the CELLULAR LEVEL.

"Even if some spontaneous act of generation had brought a virus particle forth from some sort of primordial slime [which it did not], that particle would have remained lonely and forgotten forever without the *simultaneous presence* of living cells" (*Viruses*, Wolfhard Weidel, p. 154).

Of course!

Viruses are, in a sense, "LIFELESS" without host cells to attack. They depend on cells for reproduction. Therefore, since, as a parasite, a virus relies on the existence of higher life, it is impossible that a virus could have existed initially, by itself.

In other words, the cell would have to exist *before* the virus did. Obviously, the virus couldn't have evolved into host cells.

This is really what's important. As to whether a virus is "alive" or not has no bearing on the question of the origin of life.

Besides, when the virus (only its DNA) enters the cell — the virus as such doesn't exist any longer. But then when the viral DNA is reproduced, the cell bursts. When the virus is then in existence as an entity outside the cell, it once again takes on the appearance of "lifelessness."

It's quite clear that viruses are no link between living and nonliving. And to think of a cell as "suddenly" coming into existence by itself is intellectual insanity.

So what has science done or proven? Did the duplication of a copy of a viral DNA prove life had evolved from nonliving matter? Actually as this article has made clear, nothing such as this can be proved. And, incidentally, the scientists mentioned at the beginning of this article did not "create" life.

They didn't "create LIFE," after all — IN SPITE of the sensational, shocking headlines! They managed to produce only an artificial DNA, by direct, intelligent *interference*, under IDEAL conditions — which would "REPRODUCE."

But remember, scientists worked *years* on achieving this artificial "repro-

TELEVISION

"The WORLD TOMORROW"

WGR — Buffalo, N.Y. — Channel 2, 12 noon Sun.
 KWHY — Los Angeles — Channel 22, 8:30 p.m. Sun.
 KTLA — Los Angeles — Channel 5, 11 p.m. Sat.
 KNTV — San Jose, Calif. — Channel 11, 1 p.m. Sun.
 KAIL — Fresno, Calif. — Channel 53, 8:30 p.m. Thurs.
 KHBV — Henderson, Nev. — Channel 5, 5:30 p.m. Sun.
 *KHQ — Spokane, Wash. — Channel 6, 12:30 p.m. Sun.
 KVOS — Bellingham, Wash. — Channel 12, 3:30 p.m. Sat.
 KCND — Pembina, N. Dak. — Channel 12, 2 p.m. Sat.
 KLTU — Tyler, Texas — Channel 7, 5 p.m. Mon., 10:30 p.m. Thurs.
 KTAL — Texarkana-Shreveport — Channel 6, 12:30 p.m. Sun.
 ZFB-TV — Hamilton, Bermuda — Channel 8, 5:30 p.m. Sun.
 CFCF — Montreal, Que. — Channel 12, 2 p.m. Sun.
 CKMI — Quebec City, Que. — Channel 5, 10:30 p.m. Mon.
 CFRN NETWORK — 11:30 a.m. Sun. Edmonton, Alta. — Channel 3.
 Whitecourt, Alta. — Channel 12.
 Ashmont, Alta. — Channel 12.
 CFCN NETWORK — 2 p.m. Sun. Calgary, Alta. — Channel 4.
 Drumheller/Hand Hills, Alta. — Channel 12.
 Banff, Alta. — Channel 8.
 Brooks, Alta. — Channel 9.
 Lake Louise, Alta. — Channel 6.
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 Drumheller, Alta. — Channel 10.
 Kimberley, B.C. — Channel 3.
 Columbia Valley, B.C. — Channel 6.
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* Asterisk indicates new station or time change.

duction." There was outside, intelligent *interference* here — the exacting environment of a sterile laboratory, chemicals, energy *applied* in exacting amounts!

What did these scientists — Drs. Kornberg, Goulian and Sinsheimer — really do?

Dr. Kornberg put a *naturally occurring* DNA of a virus into a test tube. This common virus, known as PHi X-174 attacks intestinal bacteria. Note this carefully. The natural viral DNA in the tube would serve as BLUEPRINT or mold from which the artificial DNA would be made.

Next, molecules of adenine, guanine, cytosine and thymine were added to the brew. These *naturally occurring* molecules are the basic units of DNA.

Also, some E. coli DNA polymerase was also mixed in. This enzyme is

crucial for guiding the copying procedure. This enzyme is obtained from living bacteria. Finally, another enzyme, ligase, was added to finish the duplication job.

The contents were then centrifuged to separate the artificial batter DNA from the natural mold DNA. The artificial DNA was able to infect host cells and reproduce itself.

Stop and think about this.

The original DNA of the virus already existed; the chemical building blocks of the DNA already existed; the enzymes already existed! The scientists had the mold. They merely reorganized matter (an accomplishment to be sure!) using an already existing MOLD.

But proof of evolution? Not at all!

"Life" in a test tube? Ridiculous! Life evolving from nonliving? Doubly ridiculous.

Probably, this article will seem tedious to some few persons. But this is only a GREATLY REDUCED part of the story. The whole story of the complexity of the cell would take many, many magazines this size, filled with seemingly endless formulas, relationships, and comparisons.

No, evolution is NOT proved — and never will be. It is a modern "FAITH," indulging in stentorian dogmatism, fear tactics, ridicule and intellectual pressure. Some evolutionists scornfully assert that only their own kind — those fully indoctrinated and "educated" in the special sciences, claiming to support the theory — are *entitled to an opinion* on the subject.

Yes, the world recognizes its own. Scientists "recognize" and "support" each other. Men profess *themselves* to be wise. But evolution remains a darkened, useless analogy — and is an attempt to throw God out the window. Men PLAY GOD, by making science the great DELIVERER, the LIFE GIVER, and the SUSTAINER of life!

But science will never produce life. It will never deliver from death. It will never become a god.

Like ancient deities it will have its worshippers. But as surely as those pagan superstitions were false — so is evolution!

The STORY of MAN

for children five to one hundred five

Everyone should know the true story of mankind. In the guise of scholarship, fables have been substituted for fact. A few have researched the truth. The evolutionary approach has been disproved, and the Biblical record proved true. Basil Wolverton has made a significant contribution to the literature of our time by faithfully sifting out the story of mankind in continuity, putting the thrilling story in simple and beautiful style for people of all ages.

by Basil Wolverton

CHAPTER ONE HUNDRED TWENTY-SEVEN

WHEN MIRACLES MADE NEWS

THE armies of Israel, Judah and Edom had pursued the Moabite army to the Moabite capital city of Kir-haraseth. The king of that country, Mesha, was desperate. He had a fire built atop the wall for sacrificing his oldest son to the imaginary pagan god Molech, trusting that in return Molech would spare him and what remained of his army. (II Kings 3:21-26.)

Even veteran soldiers shuddered at the manner in which the king of Moab took the life of the heir to his throne and reduced him to ashes before the gaze of thousands. Just how much futile faith Mesha had in Molech can't be known. But there was something else the Moabite king was counting on. He hoped that his awful act would fill his enemies with such sickening dread that they would become too disgusted to continue the siege.

That was what happened. Many Israelites and

Edomites wished to destroy Kir-haraseth and Mesha because of the barbarous act, but Jehoshaphat and Jehoram decided to call off the siege and leave the Moabite king to his misery. The allies returned to their respective countries, and Elisha — God's prophet — presumably returned to Samaria with Jehoram's army. (II Kings 3:27.)

Wiping Out Old Debts

In that time Israelites who looked to God for the right way of life learned mainly from God's prophets and the students they trained in colleges set up for that purpose. Elisha came to have many students to whom he was a leader and teacher. Some of his college students became so learned and advanced in character that they came to be known as "sons of the prophets." One day the widow of one of these men came to Elisha to tell him that her husband had gone into debt before he died, and

that his creditor was about to take her two sons from her to become his servants as payment of the debt. (II Kings 4:1.)

"If you have any property your creditor can use, let him have that," Elisha said.

"My only precious material possession is a pot of fine olive oil," the woman explained. "It wouldn't even begin to pay my debt."

"Oil is valuable," Elisha observed. "If you had a large supply of it, you would be well off. You should borrow from your friends and neighbors every empty pot and jar and crock they can spare. When no one is present but your sons, take your oil and pour into each container until it is full."

The woman followed Elisha's advice, wondering what good could come of using up her oil by pouring so little oil into so many vessels. Finally, when one of her sons had brought her the last empty container, she discovered an amazing thing.

All the containers were *full* of oil!

Eagerly she ran to where Elisha was staying to

tell him what had happened. When the prophet smiled at her, she knew that he had been aware of what had taken place before she had told him.

"What shall I do with all that oil?" she excitedly asked Elisha.

"Everyone needs good olive oil for cooking," Elisha reminded her. "Merchants and those from whom you borrowed the containers will be anxious to buy the oil at a fair price. Then you will be able to pay your debt with money. There should be enough left over for you and your sons to live on for a long time." (II Kings 4:2-7.)

This was the fifth major miracle of Elisha recorded in the Bible. The sixth one began when Elisha had come to the town of Shunem, about twenty-five miles north of Samaria. A wealthy woman who was anxious to please God learned that Elisha was there, and invited him to her home to dine. Because the prophet brought them much helpful instruction during the visit, the woman and her husband invited Elisha to stop at their home any time he came to Shunem. He was pleased to take



The woman was amazed to discover that all the jars, urns, vases and bowls she had borrowed were full of oil!

advantage of their hospitality every time he passed that way. (II Kings 4:8.)

After a time the woman suggested to her husband that they add a room to their home, so that the prophet, as well as the man who often accompanied him, could have a place to rest as well as eat.

"Elisha is very close to God," the woman reminded her husband. "The more we associate with him, the closer to God we'll become."

A Son for the Barren

The extra room was built and used to comfortable advantage by Elisha and his servant, Gehazi. During one stop at the home, Elisha decided that this woman who had been so helpful toward him should receive some kind of reward.

"Ask the lady of the house to come to our quarters," Elisha instructed Gehazi. "Tell her that because she has been so kind to us, I would be pleased to ask any favor for her or for her husband from the king or from others in high authority in Samaria."

When Gehazi spoke to the woman, she told him that she was satisfied with what she had and with her position in life, and didn't want or need any favors from those of high rank. Elisha was impressed by what his servant conveyed to him. It proved that the woman hadn't sought the prophet's company for any purpose besides wanting to know how to be more obedient to God. (II Kings 4:9-13.)

"There must be something that can be done for her," Elisha remarked to Gehazi.

"It's probably too late for her to have what she wants most," Gehazi observed. "She has never had any children, and her husband is quite old."

"Call her," Elisha said, after a short period of thought.

When the woman appeared before his door, the prophet told her that he had a special bit of good news for her.

"Less than a year from now, you will be nursing a son," Elisha announced.

The woman stared at the prophet, wondering why he should say such a thing.

"Why do you, a man of God, trouble me by making such a ridiculous statement?" she asked in an unhappy tone. (II Kings 4:14-16.)

"My statement wasn't ridiculous," Elisha assured her. "Soon you will discover that you are going to become a mother."

The woman turned and walked away, disappointed that this otherwise sensible man would cause her to feel unhappy by referring to her as a mother-to-be, even though he was aware that both she and her husband were well along in years.

Elisha knew that she doubted him, and that his continued presence would only bother her. Accordingly, he left very soon with Gehazi.

Not long afterward, the woman began to realize that she was carrying a child. She knew then that Elisha had intended to make her happy by what he had said, instead of embarrassing her. (II Kings 4:17.)

The boy to whom she later gave birth was a great joy to her and her husband. She realized that this was a miracle God had performed, as Elisha had promised. She was very thankful. When the lad was only a few years old, he walked out in a field where his father was overseeing some reapers. The day was fair and exceptionally warm. After a while the boy suddenly felt weak and faint.

"My head hurts," he complained to his father.

A Trial of Faith

The father knew that his son was suffering from severe sunstroke. He had the boy carried back to his mother at their home. The lad fell into a coma, and died a few hours later in his mother's arms.

The woman became frantic. The only thing she could think to do was place her dead son in Elisha's bed. She hoped that somehow this act would bring him closer to God, whom she felt might restore his life.

Leaving her son there, she sent word to her husband to send from the field one of the young

men and one of the burros, so that she could travel to see Elisha.

Not knowing that his son had died, the husband wondered why his wife would suddenly wish to visit Elisha, inasmuch as it wasn't a Sabbath or any of the other special days when the prophet lectured to assembled followers of God. (II Kings 4:18-23.)

Absorbed in his work, and believing that his son would recover very soon, he sent the young worker and the burro to his wife, who had it quickly saddled to carry her as swiftly as possible to Mt. Carmel, about twenty miles to the northwest, where she knew Elisha was staying at an ancient retreat he often occupied.

At the southern tip of the long mountain, where Elisha was resting with Gehazi, the prophet looked out to the southeast to see a woman swiftly approaching on a burro, with a young man running ahead leading it. As they came closer, the prophet recognized the rider.

"The woman of Shunem is coming," he told Gehazi. "She wouldn't come here unless she is in

need of help. Run out to meet her and ask if she and her husband and son are well."

"My husband and I are all right," the woman nervously answered Gehazi when he met her.

A little later, when she reached the prophet, who came out to greet her, she prostrated herself before Elisha and sobbingly placed her hands on his feet. Gehazi stepped up to push her away.

"Don't touch her," Elisha told his servant. "Can't you see that she's in a state of great anguish? Something has happened to her that God has not chosen to tell me before now." (II Kings 4:24-27.)

"I never told you that I wanted a son," the woman tearfully said to Elisha. "I was almost happy until you mentioned that I would have a child. Then I wanted one more than ever before. At first I thought you were trying to give me a false hope, and I didn't understand that."

"Are you telling me that your son is dead, and that you wish he had never been born?" the prophet asked.

"He died hours ago of a sunstroke," the



Gehazi, Elisha's servant, ran out to meet the woman who had traveled many miles for the prophet's help.

woman sobbed. "If he had to die so young, I wish he hadn't come into this world."

"Go to Shunem at once," Elisha instructed Gehazi. "Don't pause on the way even long enough to speak to anyone. Get to this woman's home as fast as you can run. When you arrive, place my staff on the boy's face." (II Kings 4:28-29.)

"But I want you to go back with me, Elisha," the woman pleaded. "I won't leave here until you do."

Restored to Life

Elisha had little choice except to start out after Gehazi with the woman and her servant. When Gehazi arrived at the woman's home, he found a grieving father sitting beside his dead son. He touched the lifeless face with Elisha's staff, but nothing happened.

"I did as you told me, but the boy is still dead," Gehazi reported to the prophet later when he ran out to meet him.

When Elisha arrived at the home with the woman, he went into his room alone, shut the door and asked God to restore life to the boy. Then he stretched himself out on the corpse to impart warmth to it. At the same time he breathed forcibly into the youngster's mouth to try to revive lung action. After a time he got up and walked vigorously about after which he resumed warming the boy's body and breathing into his lungs. He carried out every natural means possible to help the boy, at the same time praying that God would perform a miracle to give him back the spark of life.

Suddenly the lad started gasping. His breathing had returned. He opened his eyes to stare confusedly about, having come back to life after hours in a state of death. This was a greater miracle than some realize, inasmuch as brain cells die if they are deprived very long of a supply of oxygen. A person so affected often ends up mentally ill, but the boy revived to be in good mental health.

While the prophet watched over the lad, he called Gehazi and told him to ask the mother to come in. When the woman saw her son alive, she

was so overcome with joy that she fell down weeping before Elisha.

"Take your son," the prophet said. "He will be all right."

The woman tenderly picked up her boy and slowly walked out, unable to find words to express her gratitude. (II Kings 4:30-37.)

This was the seventh major miracle God performed through the obedient Elisha, whose desires and special abilities were in harmony with his Creator's will. The next miracle occurred when Elisha was in Gilgal teaching some of his college students. Food was scarce in that area then because of a drought, and people were hard put to find enough fresh produce for day-to-day needs.

"I know that many of you are wondering what and where you will eat after this session is over," Elisha told his listeners. "There is no cause to be concerned. I have instructed my servant to prepare lunch for all of you."

The Lowly Gourd Makes Headlines

There were grateful smiles in the audience, but at the same time something was happening that would later bring no smiles to the listeners. Because of a lack of garden plants, Gehazi and some other men were out in the fields searching for edible herbs and wild vegetables for a stew Elisha wanted prepared.

A large pot of water was already boiling close to where the prophet's class was assembled. Ingredients of the stew included several wild gourds plucked from a vine one of Gehazi's helpers had discovered and thought to be a squash vine. No one connected with the preparation of the plants realized that the squash-like gourds were poisonous.

Later, when the contents of the pot were served, there were immediate expressions of discomfort. A few spat it out immediately. Elisha, who intended to be served last, inquired what was wrong.

"It's horribly bitter!" one man exclaimed. "Anything that bitter must surely be poisonous!" (II Kings 4:38-40.)

"Very likely," Elisha remarked after tasting it. "It's too bad that this whole big pot of stew should be spoiled at a time when we're in such need of

food. Surely God won't allow us to go hungry. Bring me a small amount of any kind of ground grain."

Someone brought some meal, which Elisha poured into the pot and mixed thoroughly with the stew.

"There should no longer be any unpleasant taste," the prophet said. "Discard what has been served, and serve more in clean dishes.

The first man to be given more of the stew hesitated at first, then bravely took a spoonful. Abruptly his face lighted with pleasure.

"This is delicious!" he muttered between spoonfuls. "How can it taste so good only minutes after tasting so bad?"

"God can make things right if we are obedient and trust in Him," the prophet observed as he watched the crowd contentedly eating. (II Kings 4:41.)

At another place, when the local famine was

still being severely felt, Elisha addressed a gathering of more than a hundred men who were anxious to hear what he had to say. As he continued to speak, the prophet became increasingly aware that his audience was very hungry, and that he could better put across his message if his listeners could soon be fed. Unhappily, he had no food for so many people.

Meanwhile, outside the meeting place, a man came with an offering of twenty small barley loaves and some ears of corn. When Elisha heard about it, he was very thankful for the sudden supply of food.

"Give it to the crowd at the end of the meeting," he instructed. (II Kings 4:42.)

"Give a few ears of corn and twenty tiny loaves to more than a hundred hungry men?" Elisha's servant asked. "With that little, you would only whet their appetites for more!"

(To be continued next issue)

The first ones to be served the vegetable stew found it difficult to hide their expressions of distaste.



PROSPERITY CONTINUES — But Are We Really Happier?

Have you ever wondered why today's high standard of living hasn't produced more real happiness, more successful marriages? And why it hasn't lessened crime? There is a REASON. This article explains WHY.

by Richard H. Sedliacik and George L. Johnson

TODAY, the developed nations are experiencing the highest standard of living in their history.

But why has this high standard of living brought us so little *lasting* happiness — so few successful lives?

Is Wealth Happiness?

People the world over equate *material wealth* with *happiness*. And in their pursuit of more "happiness," they have sought *more* and *more* MATERIAL POSSESSIONS — a new and/or second car, a larger house, new furniture, color television. In the U.S., for example, sixteen out of seventeen homes have television sets. Collectively, Americans own over 270 million radio sets — that's more radios than people!

In 1967, over 800,000 new one-family residences were built. Also that same year, approximately 16 billion dollars were spent on new furniture and appliances. And a staggering 115 billion dollars were spent on automobiles, parts and accessories!

If material wealth were the source of true happiness, then those experiencing a higher standard of living should be *deliriously happy*!

But are they really?

What people haven't learned is that material possessions, alone, do *not* produce happiness. Happiness is a state of mind. A person can be happy whether he is rich or poor — if he pursues the *right* values and goals in life.

People today have their goals and values all mixed up. Millions have made the acquisition of material wealth

their goal in life — assuming that this will result in true happiness. But has it really?

In spite of the general increase in the standard of living throughout the Western world, there is more *unhappiness* than ever before.

WHAT A PARADOX!

The nations are wealthier now, but *enjoying it less!*

WHY?

Let's understand. Let's take a look at the mounting problems resulting from this world's "pursuit of happiness."

Number One Social Problem

Even though the developed nations have a *higher* standard of living, people still WANT MORE! Husbands and wives — in their never-ending desire for *more* material goods — have gone head over heels in *debt*!

The result ?

Endless arguments and marital strife! And these *in front* of the children.

Living beyond one's means and trying to "keep up with the Joneses" never made anyone happy. In fact, it has led to divorce in many cases. Statistics prove that in 90 out of 100 divorce cases, the people are head over heels in *debt*!

Divorce is rapidly increasing the world over — especially in the United States where it has ripped asunder nearly *every third home*! Hundreds of thousands of children now grow up with foster parents, or no parents at all! Others are reared in unhappy homes filled with bitter family strife.

Numerous books and magazine and newspaper articles have attacked the divorce problem from every conceivable angle. Sociologists have attempted to uncover the *cause* of divorce. Marriage counselors by the hundreds have used every means at their disposal to save shattered marriages from divorce.

All of these combined influences have had little if any effect!

Just how serious is the divorce problem? The shocking statistics answer plainly. Divorce, with all its resulting heartaches, court squabbles and homeless children, is one of the most monumental sociological problems of our time!

The Family Service Association of America reported: "Family breakdown is fast reaching epidemic proportions and now ranks as America's number one social problem." Each year, there are upwards of one million persons divorced. The current rate is *seven times* higher than it was 100 years ago! And there are an estimated 100,000 *desertions* each year in addition to the actual recorded divorces.

Is this *real happiness*?

Because of our crazy, mixed-up marriages, and lack of parental training, many youngsters are becoming delinquents. ONE OUT OF EVERY SIX AMERICAN BOYS UNDER 18 has been taken to juvenile court for at least one offense!

Shocking Rise in Crime!

In their ever-increasing pursuit of *more* material possessions, some people

even turn to CRIME to acquire them. Otherwise 1,400,000,000 dollars would not have been stolen from U. S. citizens in 1,605,700 burglaries during 1967! Even white collar workers and housewives are involved.

In spite of unprecedented prosperity, America leads the world in crime — as well as divorce. There were over a HALF MILLION MORE CRIMES in the United States in 1967 than in 1966. In 1967, there were over 3,800,000 major crimes committed. That's one crime for every *fifty-three* citizens!

Reported crime rose by 16% in 1967 over the previous year. And some authorities believe that THREE TIMES more crimes are committed than are actually reported to the police!

FBI Director J. Edgar Hoover pointed out in the quarterly tabulation of crime for the first three months of 1968 that crime had risen sharply over the same period in 1967. And since 1963, *all* of the eight major crime categories have shown increases *every year!*

Crime and lawlessness are viewed by the public as the TOP *domestic* problem. Crime and violence have become as much a concern as the Vietnam war. When a Gallup Poll asked, "What is the most important problem facing your community today?" crime and lawlessness were mentioned nearly *twice as often* as any other local problem.

The "Generation Gap"

Along with the increase in the divorce and crime rates in our affluent society has come a *widening* of the generation gap. Parents have tried to provide their youngsters with MORE material possessions than they had as children. But this has not brought them *closer* together. Instead, the generation gap is becoming *wider!*

Why?

More and more young people are becoming disillusioned with the moral standards and cutthroat competition of their materialistic-minded elders. They have decided such a life is not for them. They want something DIFFERENT! They want something *exciting*, novel and new!

Hippie enclaves have appeared in

every major city in the United States and in other parts of the world. Many thousands of young people have "dropped out" of society, rejected the life and standards of their parents and peers, and withdrawn to their own little world of "pot" — marijuana — and "acid" — LSD.

What is the significance of this new hippie subculture?

The noted historian Arnold Toynbee has said that hippies are "a *red warning light* for the American way of life!"

How right he is!

The increases in divorce and crime are also *red warning lights* that something is drastically wrong with our way of life!

Why this rise in divorce and crime in the midst of unprecedented prosperity? Why the generation gap? What is WRONG with our way of life? Why hasn't a high standard of living brought real happiness? Is prosperity actually a CURSE instead of a *blessing*?

Missing — Right Education

The real CAUSE of our mounting social problems and lack of happiness is NOT a higher standard of living. Increased wealth and prosperity *should* bring INCREASED HAPPINESS! The problem is we haven't learned HOW to *rightly use and enjoy* the prosperity we've been BLESSED with!

The real reason for WORLDWIDE unrest, unhappy marriages, the spiraling rise in rampant divorce, juvenile delinquency, crime and other mounting social problems is a *lack of the right kind of education!* All these tragic world conditions of today have emerged as a direct result of the MISSING DIMENSION in education.

You need to understand. It's time we wake up and realize this little-known, scarcely recognized missing dimension!

This missing dimension itself is DUAL. There are actually TWO SPHERES of education. The first is the academic sphere. Here, the very foundation of knowledge *should* be taught — the meaning and the purpose of life, right goals and true values. But these vitally important principles underlying all true

education are MISSING from all levels of instruction today!

Ambassador College is pioneering in FILLING this vitally important MISSING DIMENSION! Ambassador students learn the true values — the *meaning and purpose of life*. They come to learn *how to live*, as well as how to earn a living!

Students on three campuses at the university level receive a balanced and complete education. Both character development and right culture are emphasized. Right education is not of the intellect alone, but of the whole personality — the whole individual. Intellectual, spiritual and moral values receive equal and balanced emphasis.

The second part of this missing dimension in education is the home and family sphere. Education should *begin* in the HOME, with enlightened teaching in family relations, the sanctity of marriage, proper child rearing and respect for authority.

In the Western world, particularly in the United States, the family system is breaking down. All too often parents ignore and neglect the proper training and teaching of their children. They are too busy with their own interests to pay attention to the needs of their children.

Too often, therefore, children are just "raised," not reared. They grow up in a permissive atmosphere of abandon, and are not properly taught respect for authority. They are left on their own, without proper guidance, encouragement and discipline. And the problem is compounded when divorce rips homes asunder!

The only way to establish a proper home life is to carry *right education* into the HOMES on subjects of family relations, the sanctity of marriage, proper child rearing and respect for authority!

Ambassador College Extension Program

Ambassador College is also providing this MISSING DIMENSION in education to people of all walks of life through its *Extension Program*.

This extensive, worldwide educational program is closing the "Generation

Gap" — reconciling parents and children, young people and adults. It is closing the Knowledge and Education Gaps by disseminating to millions of HOMES the *same* true values taught in Ambassador College. It is being done through *The WORLD TOMORROW* radio broadcast and telecast, and through Ambassador College publications!

The AMBASSADOR COLLEGE CORRESPONDENCE COURSE is a vital *part* of the Ambassador College *Extension Program*. It is helping scores of thousands around the world to have a fuller, *more successful* and *HAPPIER* LIFE!

Multiple thousands have received enlightening knowledge that has made their lives richer, fuller, more happily abundant. And thousands of HOMES have been made happy, which otherwise might have long since broken up. Some of the discouraged and frustrated have been saved from suicide!

This TRUE EDUCATION is meeting today's education crisis! You can learn all about it by enrolling in The Ambassador College Correspondence Course. All you need do to enroll is to write the Editor and request your first lesson. There is absolutely *no tuition* cost to you. The Course is FREE — sent to you as an educational service in the public interest. Your enrollment has been paid for by others who are voluntarily having a part in helping to disseminate this vital knowledge worldwide.

The first three lessons of this exciting course will show you the real reasons behind today's student rebellion and campus chaos. It will show you where this present *threat to civilization* is leading us. You'll read about the history of education and how it ties in with present-day campus troubles. And most important, your studies will show you what can and *will be done* to SOLVE this, and other mounting world problems now threatening the existence of mankind!

Be sure to write for your first lesson now — *before you forget!* Address your request to the editor in care of our office nearest you. (See inside front cover for the addresses.) You'll be glad you enrolled.

THE ANSWERS TO

Short Questions

FROM OUR READERS

HERE are the answers to questions which can be answered briefly in a short space. *Send in your questions.* While we cannot promise that all questions will find space for answer in this department, we shall try to answer all that are vital and in the general interest of our readers.

"You often speak about divorce and crime statistics on your broadcast. Some people have told me that the rise in both is due to *BETTER REPORTING*. Is this true?"

K. B., Ohio

To answer this question, we need to step back in history to the beginning of modern reporting methods. The place: Washington, D.C. in 1885.

The 1880 U. S. Census had already taken hundreds of employees *five full years* to tabulate, and still the end was not in sight! The process they used to record divorce or crime statistics was laborious handwritten tabulation. Men physically accumulated slips of paper, and then counted the number of people represented in each "stack of paper." This method was not only extremely tedious, but subject to error.

The Census Bureau saw 1890 approaching, and no help in sight. In that year, 1885, Dr. Herman Hollerith of the Census Bureau struck on an idea of automating the census figures for machine counting. He invented the grandfather of modern computers and the grandfather of modern punched cards and tried the system out. With his help, the Bureau completed the 1880 Census by 1887 and prepared the new automated system for 1890.

Using Dr. Hollerith's punched card system, the 1890 Census was finished in just two years! That's less than one-fourth the time per person required for the 1880 census.

Thus the United States Census Bureau

was a major pioneer in the Age of Automation — specifically in the field of STATISTICAL REPORTING. This is why nearly every Almanac chart starts in 1890 — the beginning year of thorough records.

With machine tabulation in 1890 came the first really RELIABLE records. From 1890 forward, the Census Bureau has kept a VERY accurate record of all items it covers — excepting a few people who may have avoided the Census taker!

Take divorce for instance. The number of divorces in 1890 is EXACT: 31,735 — not a rounded-off guess. Marriages were 530,937, an exact number — 16.73 marriages to one divorce.

Today, of course, divorces are up to 534,000 per year (1967) and marriages at 1,913,000 annually. This is a 1600% growth in divorces, and only a 260% growth in marriages. Thus, it is a statistical FACT that divorces have grown six times faster than marriages since 1890. Today there are 3.58 marriages to one divorce.

Some say this is better reporting in county and city offices. But this couldn't be farther from the truth. If anything, there is MORE divorce than is recorded! Why? Because today, millions are *separating* without the sanction of divorce — 3,000,000 women in the United States are presently legally married, but separated from their husbands. Also, there are the Mexican and other foreign divorces. And desertions. And the millions of cases of wife-swapping and adultery that didn't exist in 1890. There are divorces that are refused in

court, or held pending. NONE of these figures appear in the modern divorce statistics!

So, if you want to look at it in THAT way, "reporting" is *less* accurate than it was 75 years ago!

It's time people quit trying to dodge behind age-old excuses for the monumental problems in America and the world over. The problems are real. If the present growth of divorce continued for another 11 years, there would be 970,000 divorces in 1980, and then 1,960,000 divorces in the year 2000 (these numbers were calculated by the IBM 360/50 Computer system at the Ambassador College Data Processing Center, Pasadena).

Unless mankind is willing to CHANGE something — or unless God intervenes in human affairs — these horrid divorce statistics are sure to come true.

The thing that must be changed is *not* reporting systems, but HUMAN NATURE. Running away from the problem by claiming statistical excuses will only bring more heartache to millions.

What our READERS SAY

(Continued from inside front cover)

Prince of Wales was the grandson of Edward II. The misworded comment on the title Prince of Wales was an editorial addition to the original article and was caught only after magazine had gone to press.

The New Morality

"My mother received a copy of *The New Morality*. I am a bookworm and constantly searching for materials to read. Mother has never told me anything a young girl needs to know. I thank you very much for printing a book of its kind. It has helped me more than I can ever say. I even lent it to my girl friend. I am so sorry that it couldn't have been mailed to single people because I feel young teens and adults need it most. I also am grateful to you because it may prevent me from making

the same mistakes in marriage that so many young people do."

Miss A. H., Willis, Virginia

Cuban Refugee Speaks...

"I am Cuban and have lived for almost two years in New York City. Here I have seen what they call hippies. Badly dressed, without shoes, hair as long as women's, male and female in the streets, in such a pretty city and such beautiful buildings. That made me think of the bearded of my country, oppressed by communist tyranny; when they arrived in the cities they were similar to the hippies and nowadays have turned out to be traitors. I want you to send me *The PLAIN TRUTH* and others to appraise."

Rogelio J. C.,
Brooklyn, New York

...by Contrast

"I don't wish to subscribe to *The PLAIN TRUTH*. Don't want to know what's happening. I'm not interested — too nervous to read what's coming."

Mrs. John V., Port Huron,
Michigan

• We're trying to give some of the nervous ones some HOPE — but it's impossible to see solutions if you won't look at the problems.

"I have recently come across several back issues of your excellent magazine, *The PLAIN TRUTH*. I was astonished, not only by the general excellent quality of your magazine (I wondered how you could just give it away), but also by the fact that yours is the *only* publication that exists today which seems to have any hope for the future, or any solution for the endless problems that confront us today."

R. F.,
Stony Brook, N. Y.

"Please discontinue sending me *The PLAIN TRUTH* unless you write and tell me the price of it. I like to pay what it's worth; no more, no less. I do not want it sent to me free."

Mrs. William W.,
Minneapolis, Minn.

• Please read the full explanation of *How Your Subscription Has Been Paid*, in the third column of this page.

HOW YOUR PLAIN TRUTH SUBSCRIPTION HAS BEEN PAID

Many ask: "HOW does it happen that my subscription has been prepaid? WHY can't I pay my own? HOW can you publish a magazine of such quality without advertising revenue?"

The answer is both simple and astonishing! *The PLAIN TRUTH* is utterly unique. Your prepaid subscription is only one of many examples of that. It is a magazine of UNDERSTANDING of today's fast-changing and incredible world conditions — of changing social, family, and personal problems — of the MEANING and PURPOSE of life.

Others report world news — describe WHAT'S WRONG with the world. *The PLAIN TRUTH* explains WHY — makes plain the CAUSES — gives the ANSWERS and practical solutions.

Modern science and technology came forward in our time as the messiah to rescue society from its ills. In ten years scientific and technological knowledge has DOUBLED — and in the same decade humanity's TROUBLES also have doubled!

Communism stepped forward, saying: "Others have explained [what's wrong in] the world; it is necessary to change the world." (Karl Marx.) Today after fifty years you can see for yourself the showcase of results — Communism vs. the "free world" — in the divided city of Berlin!

Science, technology, Communism have proved false messiahs. World troubles multiply, and today they are frightening. *PLAIN TRUTH* editors, scholars, researchers, analysts, realize that neither these, nor governments, educators, established religions, psychologists, nor any other human "authorities" have the answers. None knows THE WAY to PEACE! None knows the PURPOSE of life. None seems to point out the true values from the false.

Therefore *PLAIN TRUTH* editors have dared, without apology, to go to the one and only SOURCE that reveals these ANSWERS, and points unerringly to the solutions that *will be achieved*! It is the world's best seller — the Book that Bruce Barton said *nobody knows*! Approximately a third of it is devoted to advance news reports, utterly overlooked, it seems, by educators, scientists, religious organizations, governments. Yet, over a 2,500-year span these advance news reports have proved *unerringly accurate*!

What is generally unrecognized is that there is a PURPOSE being worked out here below, and that this totally misrepresented Source is in true fact our Maker's instruction book. It reveals the meaning and purpose of life. It deals with world conditions today. It is not only up-to-date as of NOW — its advance news reports lay bare our future. There is NO OTHER source of understanding OUR TIME, and where we are going! And its Author says to us, "Freely you have received, freely give."

We make the truth PLAIN. It is priceless — we simply cannot put a price on it. We happen to be conscientious about it. That is our policy. A comparatively small number of Co-workers, of their own volition, unsolicited by us, have joined with us to make such an unprecedented policy workable! We, and they, sincerely THANK YOU for allowing us to serve you. It is, truly, "more blessed to GIVE than to receive." Thank you for giving us that pleasure!

ALCOHOLISM— A Worldwide Curse!

MILLIONS are affected by the growing evil of alcoholism. Lives are ruined, marriages wrecked, and homes broken because of this dreadful CURSE! What can be done? What is the ONLY workable solution to this worldwide problem?

by William F. Dankenbring

ALCOHOLISM is the FOURTH-ranking public health problem in the world — and in the United States! In the U. S., only heart disease and cancer cause more deaths.

Today there are *twenty-five million* alcoholics scattered through all nations — including over SIX MILLION within the United States. *Three million others are classified as "pre-alcoholics"!* A quarter million new alcoholics join those ranks every year.

Shocking Figures Tell

In France, the nation with the world's heaviest drinkers, alcoholism is the *worst* health problem. More than 1.6 million Frenchmen and 400,000 women are alcoholics. France has the dubious distinction of having the world's highest death rate from cirrhosis of the liver — 32.8 per 100,000.

In 1958, official reports show 15,843 Frenchmen died from the effects of excessive alcohol — a whopping 10 deaths per 100,000 population! In any French town, alcoholics can be seen huddled together in miserable, pathetic groups around the market places. Alcoholics cost the French government well over one *billion* dollars a year — as much as it cost to fight the Algerian War! So reported the *New York Times*.

Germany also has its alcoholic problem. West Germany's alcoholic army numbers an estimated 600,000, thirty percent of whom are women. In the European population of South Africa, roughly one person out of thirty — counting men, women, and children — *is an ALCOHOLIC!* The growing army of alcoholics numbers 370,000

strong. Great Britain also is plagued by the alcoholic curse, with over 500,000 victims of drunkenness. Even in India, where prohibition was attempted, the plan to halt the march of alcoholism ended in failure! In Canada, nearly 300,000 are classified as alcoholics. An alarming SIX PERCENT of all drinkers in Australia are alcoholics.

The average Russian spends \$100 a year on vodka. Authorities are waging a hard-fought war on alcoholism.

The problem of alcoholism is a growing *WORLDWIDE PLAGUE!*

But *why?* WHY should alcoholism be a growing menace in our supposedly "enlightened" age?

Alcoholism and YOU

One out of every 36 Americans is a victim of alcoholism.

This deadly peril trails only cancer and heart disease in causing suffering and fatalities! Each year 350,000 individuals gasp out their last, agony-wracked breath because of alcoholism. Roughly 25 million people in the U. S. are directly affected by chronic alcoholism, including the families of alcoholics — one eighth of the population!

According to Dr. Andrew C. Ivy, a University of Illinois professor, another HALF MILLION VICTIMS are added *every year* to the rolls of weekend drunks in America! He confessed that this national problem is *growing worse*.

Alcoholism directly or indirectly affects *your* life! EVERY STRATUM OF SOCIETY in the United States is touched by this plague. No class is excepted — no group is spared. The amazing fact is

that *less than three percent* of all confirmed alcoholics are the familiar Skid Row bums and gutter derelicts! The tentacles of alcoholism reach out to encompass businessmen, WIVES, and TEEN-AGERS! In every American town, on both sides of the tracks — in respectable neighborhoods and dingy slum districts — the rising tide of alcoholism sweeps over an ever-increasing number of helpless, dazed victims! Between 35-40 percent are women. Many are bored, depressed middle-class housewives.

Americans spend more than \$12 billion a year on alcoholic beverages. About 20 million gallons are gulped down daily. Consumption of distilled spirits in 1967 was estimated at more than 325 million gallons.

Business drinking has become so prevalent in the United States that scientists have coined a new name for the business drinker — "*the half man*." He is the man who only operates at *half-speed* and has impaired effectiveness due to his morning hangover and four-martini lunch!

Industry loses from \$2 to \$3 billion a year due to alcoholism. It accounts for more absenteeism than either accidents, employee turnover, poor production or poor morale.

Every major city in the U. S. spends one million dollars yearly — or more — taking care of drunks and alcoholics. More than 2 million arrests in 1965 — ONE OUT OF THREE of those arrested for all causes — were arrested for public drunkenness. Jails are jammed, courts are clogged, and police forces are overburdened.

Arresting drunks is a revolving-door

process. In 1964, in Los Angeles, some drunks were arrested as many as 18 times for drunkenness. Some inebriates have been arrested 100 to 200 times and have served 10-20 years in short-term jail sentences.

Heavy drinking also spurs crime. It is estimated that in the U.S. 25 to 50% of all arrested for felonies have a history of excessive drinking. Many involved in rapes and assaults have been drinking.

The Cost in Individual Lives

The financial burden itself is breathtaking. But *even more appalling* is the tragic cost of drunkenness in the lives of those people affected. Misery, frustration, failure, pain, suffering, and as is often the case — eventual DEATH!

According to authorities, the alcoholic goes through four stages in traveling the bottle-cluttered road of out-and-out alcoholism. The first stage, according to Dr. Rapoport, is *acute inebriation* which he defines as "simple drunkenness seen in the excessive party drinker or spree drinker." This individual is characterized by a flushed face, rapid pulse, slow breathing, slurred speech, red eyes, and unsteady equilibrium.

The second stage is *acute tremulousness* — or the "shakes" caused by steady drinking for different periods and poor eating habits. The third stage is *acute alcoholic hallucinosis* which comes after *prolonged* excessive intake of alcohol. The victim hears voices and often thinks somebody is trying to kill or harm him.

Finally, the fourth stage — *delirium tremens* — comes. Following a long history of constant alcoholic consumption, the alcoholic becomes "terrified, irritable, and confused." He doesn't know what time it is, where he is. He cannot rest or sleep. He runs a fever and may have convulsions!

Once an individual is caught in the grip of alcoholism, he goes down fast. When he reaches the stage of constant drunkenness, he cannot hold a job. He becomes penniless — a shabby, tattered bum — a gaunt wreck of a man. These poor wretches, totally down and out, often cannot afford to buy "respectable liquor."

Consequently, they turn to poisonous chemical mixtures called by such names as:

Green river — called this because it turns the lips green. It is a mixture of after-shave lotion fortified with paint thinner;

Block and tackle — a potent mixture of paint thinner with denatured alcohol and canned heat;

Pink lady — canned heat "cut" with water;

Sneaky pete — the same as "pink lady," only adding benzedrine or alcohol;

Rubby dub — this is the Skid Row name for rubbing alcohol;

Kerosene and buttermilk. Only a few of the desperate down-and-outers dare tackle this concoction. It almost completely *wipes out the mind* of its victim!

Why Alcoholism?

What is the cause of alcoholism? Why do MILLIONS wallow in drunkenness? WHY do businessmen, wives, teen-agers, young and old, rich and poor, educated and ignorant alike become the *cringing slaves* of alcoholism?

Some people have thought that alcoholism is like any other *disease*. Such is NOT the case! A professor at Northwestern, Jules H. Masserman, declared, "In some 30 years of intensive interest, laboratory experiments, and clinical experience in the field," he did not find "convincingly controlled evidence" which showed any "consistent physiological causes of alcoholism."

Addiction to drink may better be compared to the disease of *gambling*!

Is alcohol itself the cause? Many people think so, and consequently many so-called "temperance" organizations (they really believe in abstinence, *not* temperance) stump the land preaching the evils of "demon rum" and strong drink. But alcohol itself is NOT the cause!

An expert on alcoholism, A. J. MacLachlan, chaplain of a mental hospital, stated forcefully, "It is now fashionable to think of his [the alcoholic's] difficulty primarily as a medical problem, when in reality it is predominantly a MORAL AND SPIRITUAL PROBLEM."

Let's understand why!

Moral and Spiritual Problem

At the bottom of the alcoholic abyss lies the root cause of the problem — MORAL AND SPIRITUAL DECAY! Alcoholism is NOT fundamentally a physiological disease which preys upon men. Nor is it due to merely drinking alcoholic beverages. Alcoholism is due to a *spiritual disease* — a disease of CHARACTER!

In an article entitled "Let's Stop Coddling Our Alcoholics," MacLachlan explains: "Unfortunately the disease approach has become a BOOMERANG, producing physiological side effects that were not anticipated. The alcoholic finds it an *easy way out*. If a mysterious invader — a kind of alcoholic virus — can be blamed for his condition, *who can hold him morally responsible?*" He continues, "As a consequence, many alcoholics adopt an attitude that is passive, defeatist and uncooperative. They say to the therapist, 'Here I am, Doctor. I'm your problem. Give me the pill that will cure me'" (*Maclean's* magazine).

"Characteristically," reports Dr. James Roeder Bell, M.D., "the alcoholic does not want help — *he wants alcohol*. And, like all who find their environment cruel, he is so much occupied with himself that he cannot consider others. He is unable to respond to ideas such as how much disturbance he is creating, how much time he is consuming, how unattractive he is, and how many billions of dollars are BEING WASTED in the almost *futile* effort to do something for him" (*New Medical Materia*).

Notice! The alcoholic "does NOT WANT HELP — HE CRAVES ALCOHOL"! His attitude is passive, defeatist, uncooperative! In other words, he does not care about his condition, what other people think of him, or how much money society throws away on him! All he cares about is himself. He is selfish!

In the vast majority of cases, the alcoholic does not want help and is not willing to help himself. He is too fond of his stuporous condition to be conscious of the brutal facts of reality.

There, if you see it, is one of the reasons millions have become ALCOHOLICS — and millions more turn to drunkenness! Overindulgence in alco-

holic beverages becomes a substitute for LIFE ITSELF! Drunkenness produces a dreamland euphoria, a great intoxicated calm, an unconcern for reality!

Escapism!

Millions fall easy prey to alcoholism because they want ESCAPE! They do not have the character to face life on its own footing. To them life is a *hopeless* stream of futility and frustration, anger and resentment, unwanted trials and bitterness. They seek refuge — a convenient “escape hatch”—A WAY OUT OF IT ALL! They turn to the false bliss of drunkenness in order to drown their problems and wash away their sorrows!

Fleeing the frustrations of business life, seeking relief from a nagging wife, simply being unable to cope with family responsibilities — unable to keep ahead of the bill collectors, having in-law trouble, feeling the pressure of social life, or being plainly addicted to alcohol, ignorant of its potency — millions of men and women succumb to alcoholism!

It is no wonder that the *CURSE OF ALCOHOLISM* plagues the world and stalks every thirty-sixth American!

To millions, the abuse of alcohol has become a FALSE God, an ever-present source of comfort and succor! Whenever they feel defeated, despondent, depressed, or discouraged, they turn to drunkenness — not God — for solace. Alcoholism becomes a species of idolatry!

The result? A fleeting sensation of pleasure — perhaps — but then a *hang-over tomorrow, misery* and finally DEATH!

The wrong use of alcohol is a vicious IDOL which captivates, traps, ensnares, and ENSLAVES! Alcoholism is just another form of SLAVERY!

What is the answer to this horrifying problem?

The Real Solution

There is hope for the alcoholic!

The alcoholic, declares MacLachlan, “*is the architect of his OWN disaster. . . .* In other words, he created his own predicament — he wasn’t shoved into it by one or more outside, invisible

forces. Therein lies *hope* for the future. Since the alcoholic maneuvered himself into his present jam, he can extricate himself from it by exercising his free will, by mobilizing his strength.”

No alcoholic can lick his problem until he is willing to face it. He himself must make his decision — and ACT. But he needs more strength than he alone can muster. Organizations devoted to helping alcoholics recognize the benefits that come from the added *help of God*. The alcoholic must be willing to do his own part — he must DESIRE to conquer the problem — but God’s supernatural HELP, when sought by the alcoholic, will give him the *POWER TO OVERCOME!*

The solution to the problem of excessive alcohol begins with the desire to quit drinking. In Biblical language this is called repentance. The alcoholic needs to turn to GOD for strength to master the bottle. Personal counsel is also vital.

Another vital point is this warning: If you have been a drunkard or alcoholic, and have found yourself unable to *control* your drinking, experience proves that the only way you can conquer your problem is TOTAL ABSTINENCE. Trying to “regulate” your drinking, after you have already been ensnared, is NO ANSWER. Rather, the bitter record of experience shows that in most cases the alcoholic must QUIT COMPLETELY, *once and for all*, and not deceive himself that “one little drink won’t hurt.” The fact is, for the extreme case, just “one little drink” invariably means he is right back where he started, completely unable to control himself!

If you have had a problem with drinking to excess, *take* this warning to heart!

The Added Help You Need

The one sure way to solve life’s constant and endless problems is simply this — LEARN TO KNOW THE TRUE GOD! Yes, God Almighty is the ANSWER! There is a way to escape the clutches of alcoholism — and that is through the power of God!

To those afflicted with the curse of alcoholism, God offers spiritual help! God offers the power of the Holy Spirit

to enable a person to overcome ANY sin! Paul was inspired to write “I CAN DO ALL THINGS *through Christ which strengtheneth me*”! (Phil. 4:13). So can any man caught in the grip of foul addiction!

HE CAN OVERCOME!

But *the decision must be made by each individual*. An alcoholic must become thoroughly disgusted with himself and REPENT of his condition. He must call upon God — CONSTANTLY, perseveringly — for HELP. He must draw CLOSE to God in CONSTANT PRAYER, fervent and meaningful BIBLE STUDY and learn to live God’s way of life! Then, his life — once a tragic FAILURE — will become a life RENEWED with hope, faith, happiness, love, JOY, scintillating INTEREST AND REJOICING!

Warning against drunkenness, the apostle Paul wrote: “*Know ye not that the unrighteous shall not inherit the kingdom of God?* BE NOT DECEIVED: neither fornicators, nor idolaters, nor adulterers, nor effeminate, nor abusers of themselves with mankind, nor thieves, nor covetous, NOR DRUNKARDS, nor revilers, nor extortioners, shall inherit the kingdom of God” (I Cor. 6:9-10).

It takes the power and — if you please — the fear of God to conquer alcoholism.

Through the power of God, alcoholics *have overcome these temptations*! Paul was able to write to the Corinthians: “AND SUCH WERE SOME OF YOU” (verse 11). Paul exhorted, “There hath NO TEMPTATION taken you but such as is common to man: BUT GOD IS FAITHFUL, who will NOT suffer you to be tempted above that ye are able; but will with the temptation also make a WAY TO ESCAPE, that ye may be able to bear it” (I Cor. 10:13).

Your Bible commands: “Be not drunk with wine, *wherein is EXCESS*; but be filled with the Spirit”! (Eph. 5:18.) God allows the presence of alcohol — to TEACH man to control his desires and MASTER his inclinations!

The World Tomorrow

There will be *no* alcoholics in the World Tomorrow! There will be

temperance, not the fiasco of prohibition! It will take the power of the KINGDOM OF GOD to solve today's worldwide problem of alcoholism and drunkenness!

There will be no Skid Rows — there will be no gutter derelicts — there will be no toxic chemical concoctions drunk by half-crazed men — there will be no "D.T.'s" or "delirium tremens." God's laws will be ENFORCED for our own good. God's Laws were ordained to bring us peace, prosperity, abundance, happiness, and joy running over.

For the first time in the history of the world, men will be radiantly happy, supremely content, leading energetic and industrious lives full of real PURPOSE, deep meaning and security! There will be no "escapism" for there will be nothing to "escape"!

When God intervenes in world affairs, the curse of alcoholism will be stamped out completely. No longer will families be broken up, friends torn apart, children grieved, and authorities bewildered at what should be done!

Men will learn temperance in all things. What a world that will be!

If You Need Help

If you are an alcoholic, the FIRST thing you need to do is *realize* your condition. Too many alcoholics never conquer their problem because they refuse to face it! Then, you need to realize there is an Almighty GOD in heaven who wants to HELP you overcome your problem, completely!

But, that is not all! If you sincerely want to overcome alcoholism, you must decide to QUIT drinking alcoholic beverages, entirely. Too many would-be quitters think within themselves, "Well, one more drink won't hurt me." But, *one more* becomes a never-ending chain of drinks — there is ALWAYS "just one more"!

If you are going to conquer the addiction, you must set yourself to stop drinking, ONCE AND FOR ALL!

Don't make the mistake of thinking you can "taper off." It doesn't work. And once you have successfully quit, don't think you can go back to drinking alcoholic beverages. You may very likely

wind up where you were before — stoned, soused, inebriated, DRUNK! You must NEVER let your guard down. Study carefully the advice in II Peter 2:20-22. If some escape the clutches of alcoholism, but "are again entangled therein, and overcome, the LATTER END is WORSE with them *than the beginning*" (verse 20).

Case history after case history records the miserable plight of those who successfully quit drinking once, but later thought one or two little drinks wouldn't hurt. One or two might not hurt the average man. But the alcoholic is NOT average — he has a definite weakness, a psychological, emotional, and even physiological PROBLEM! Therefore, he *must* NOT take chances, lest all his efforts go down the drain, and he winds up a derelict, worse off than before!

Once having made that momentous decision to QUIT, you must plan your strategy for avoiding all future temptations. You must decide to stop fellowshiping with the same alcoholic friends, the same inebriated crowd. Remember the scriptural principle, "...evil communications [*associations*] corrupt good manners [*morals*]" (I Cor. 15:33). Don't "hang around" with the old "gang" lest you be tempted and slip back into the rut.

Perhaps, for some, even a change of environment, a change of scenery, is necessary. The "old familiar setting" will not then be able to lure you back to the bottle trail. You will be able to have a FRESH START — this time, with the supernatural help of Almighty God!

If you desire to know in more detail what you can do, write for further, *individual* counsel and advice. You need to read the very helpful, inspiring articles, "How to Be an Overcomer" and "The Answer to Unanswered Prayer." These articles will show how YOU can have divine INTERVENTION on your behalf so you will not have to remain a cringing, abject *slave* to alcoholism!

Reprints of this article are available free of charge to all who desire them. Address your requests to the Editor. See inside front cover for nearest address to your area.

Personal from the Editor

(Continued from page 1)

union of ten nations. Possibly this union will restore the Monarchy system to power. It may put kings presently without thrones back in power — or make kings of princes who have not succeeded to thrones. Or, it may set on thrones as kings men who are not of royal birth.

There will be ten, ruling ten nations or groups of nations in the area of the once-great Holy Roman Empire. But there will be one super-King over the ten. The exit of Charles de Gaulle now poses the question: *IF* Herr Strauss is to step on the European stage as number one leader, will he go for the chancellorship of Germany this September, later setting under him a King of royal descent? Or will he further bide his time, until the present "Six" and others actually form the resurrected Holy Roman Empire? Or, will he become Germany's Chancellor this September, and a presently unknown suddenly flash on the scene as top leader when political union is effected?

These are questions. The "advance news reports" which affirm there will be the political-military union of THE TEN do not, of course, identify the personalities who shall lead. We shall know soon. We do not have long to wait.

Whether or not Britain now makes it into the Common Market, it is certain, I feel, she will not be one of the TEN.

De Gaulle's release of power removes the one block that has been delaying political union in Europe. After a period of confusion, it will now fit together rather quickly — possibly within two years.

This resurrected Holy Roman Empire will wield equal or more power than the U.S.S.R. or the U.S.A. They will have the H-Bomb. There will be many surprises. As I stated in the beginning, the whole world will gasp in WONDER! It will very emphatically affect drastically YOUR LIFE!

NATO

(Continued from page 4)

been made known. The information is contained in the advance news reports of an infallible news source that has not missed a single prediction in the past 2,500 years!

That advance news source is probably right in your own home. Have you ever thought of blowing the dust off the Bible to see what it really says?

This too-long-neglected Book reveals that a United Europe — integrated economically, militarily, politically, and even *religiously* — will very soon become a reality. It even tells how many nations or groups of nations will be in this alliance. That number is *ten*, not six. (Rev. 17:12.) Some nations which today are not NATO members may be included in this number. Other nations which today are among the 15 members of NATO will obviously NOT be included. But *who*?

Among others, the United States, Canada, and possibly Britain will be excluded!

LIFE magazine editorialized in its issue of April 25, 1969: "NATO is Western Europe's police force; it is not Western Europe. A coalition which includes the U.S., Canada, Iceland, Greece and Turkey is *not the right geographic and spiritual building block* for long-range European integration."

United Europe: Good or Bad?

At first glance, the exclusion of the English-speaking nations may not appear to be so catastrophic. Haven't the U.S. and Britain been urging continental Europe to take a more active part in its own defense? And wouldn't a united and independent Europe — possessing its own nuclear weapons — always be on our side in the fight against Communism? This is the way many reason!

But have Britain and America so soon forgotten that their enemies in the last two World Wars were nations in Central Europe?

Watch!

Many don't believe it can happen again. But it WILL happen again — incredible and preposterous as that may



Hogberg — Ambassador College

Honor guard and colors flank Constitution Avenue, Washington, D. C. as NATO ministers arrive to hear President Nixon, above, address delegates.

sound to world leaders and statesmen today. And all this will happen within the next very few years.

So watch what happens in France now that strong man De Gaulle has left the scene. Watch the emergence of a strong man in West Germany instead. Franz Josef Strauss just *could* be Bonn's next chancellor — and might be Europe's next strong man. Strauss is a strong advocate of a united European military force possessing its own nuclear arsenal.

Watch the Europeans gradually assume a posture more independent of American direction.

If you keep your eyes trained on these big events, *you* will not be surprised when a powerful, nuclear-armed ten-nation united Europe suddenly emerges. For it will occur so quickly that an unsuspecting world "shall wonder" (Rev. 17:8).

If you want to learn more about what is immediately ahead of us now, write for our free booklet, *The United States and British Commonwealth in Prophecy*. And you may want to read the article "When World War Three Comes — There Is a Way of Escape."

Both of these are free, of course, and offered in the public interest.



ADVANCE NEWS REPORTS *Come alive* TODAY!

EXPECTATIONS are high here that 1969 will bring a breakthrough in prolonged European Common Market negotiations for a six-year trade treaty with Spain.

It would mark Spain's first step toward association with the powerful six-nation trade bloc. Full membership in the community remains, of course, Madrid's ultimate goal.

Franco's Demands

The talks, centered around preferential customs treatment, have been going on for two years — though Spain originally applied for European Economic Community (EEC) membership seven years ago.

Only last year, Spanish efforts to reach a trade accord with the EEC seemed hopelessly stalled. But now Common Market negotiators have come a long way in satisfying Madrid's demands for slashes in duties on major Spanish exports to the EEC. "The Six" also appear ready to accede to other key demands by the Spanish trade team.

After over two decades of semi-isolation from the rest of Western Europe — due to Generalissimo Francisco Franco's relationship with the Hitler and Mussolini regimes — Spain is slowly gaining respect. For example, last October, West Germany's Kurt Georg Kiesinger made the first official visit to Spain by a Chancellor of West Germany. It was also the first visit to Franco's Spain by the head of any European Government.

So keep your eyes on growing co-operation between Franco's Spain and the Common Market. The advance news reported in Bible prophecy reveals there must be an eventual economic and



Ambassador College Photo

On state visit to Spain, Kurt Georg Kiesinger, right, warms up West Germany's relationship with Francisco Franco, left, of Spain.

political union of *ten* nations or groups of nations in Europe. It is destined to play a big role soon on the world scene (Rev. 17:12).

* * * * *

General's Remarks Shake Bonn

The West German government was shaken recently when the nation's second-ranking general spoke out

strongly against civilian control of the military and the present rather unwieldy military bureaucracy.

The so-called "undemocratic" remarks were levelled by Deputy Army Inspector Maj. Gen. Helmut Grashey.

A Defense Ministry attempt to minimize the incident, which occurred at an officers' meeting in Hamburg, appears to have been unsuccessful. Grashey's case was scheduled to be aired

by the West German Parliamentary Defense Committee. And making matters worse, the extreme right-wing National Democratic Party issued a statement fully supporting Grashey.

According to *The Los Angeles Times*, Grashey criticized the parliamentary control agency dealing with military affairs as an instrument spreading mistrust in the ranks. He said the "inner leadership" concept—a slogan covering efforts to build an army on rights and freedom rather than drill and discipline—had been introduced only as a sop to West German Socialists in order to win their support for German rearmament.

The important thing to note is that what Grashey said in public is known to be shared in private by many officers, not only in the West German army but in all branches of the Bundeswehr, the country's armed forces.

The far-reaching extent of civilian control and supervision of the military—which descends through the ranks to battalion level—has come in for increasingly sharp criticism by the military men. And particularly objectionable, in their view, is the fact the Bundeswehr is probably the only military force in the world whose members are allowed to join a union—in this case a public service union.

As a result of the growing conflict between the West German government and the military, a reaction on the right *within the Bundeswehr* is beginning to set in.

Surprise Candidates for NPD

The West German Defense Ministry has been jolted by disclosures that a number of senior staff officers of the Bundeswehr (Federal Armed Forces) have announced themselves as candidates of the right-wing National Democratic Party (NPD) in the Sept. 28 national election.

The NPD has been dubbed "neo-Nazi" by many political observers.

According to an NPD spokesman, "a whole lot" of the 470 candidates to be put up by the party for the parliamentary election will be staff and non-commissioned officers of the Bundeswehr.

The newspaper *Frankfurter Allgemeine Zeitung* specifically identified an army major, three captains and two sergeants who it said were NPD candidates.

The most outstanding case revolves around Capt. Ernst Thomsen, Assistant Chief of Staff of NATO's Baltic Approaches Command in Kiel. Since his announcement that he would be the NPD candidate in the nearby district of Schleswig-Eckernförde, Thomsen has been removed from his NATO post and reassigned.

The *New York Times* reported that Captain Thomsen joined the party only last December, and was asked to be a candidate for the Bundestag because, according to an NPD spokesman, "we believe in an active military policy and that must be made with people who are up to date like Captain Thomsen, who knows from his NATO duty what is wrong in the services."

West German military sources said Captain Thomsen had become outspokenly critical of the nation's armed forces as well as NATO.

"Ugly Problem"

The NPD has been concentrating on penetration of the armed forces since it was organized five years ago. A Defense Ministry official admitted that the National Democratic Party's attempt to feed on dissatisfaction in the armed services presented an "ugly problem."

Another recent incident illustrating Bonn's growing military crisis occurred in the Bavarian city of Regensburg. At a forum sponsored by the NPD, a West German Army major and a retired World War II general, *both local NPD delegates*, publicly criticized key democratic principles of the West German armed forces.

Maj. Georg Pemler, party candidate for the Bundestag from Bavaria, particularly objected to the fact that troops are subject to civilian courts for discipline. Military courts in West Germany have been outlawed since the collapse of the Hitler regime because of their abuse under the Nazis.

The other principal speaker at the Regensburg rally was Artur Schmitt,

an 80-year-old retired general who served under the Nazis and who was imprisoned by the French as a war criminal. Schmitt asserted that "an army can't be built on democratic principles." He said further that under the present civilian control apparatus, "orders are followed badly."

Schmitt, a National Democratic delegate to the Bavarian state parliament, also said that the modern German army should aim at the "ideals of discipline" in the pre-Hitler Reichswehr.

Experiment Failing?

Obviously the unique West German experiment of attempting to create a military force without reinstalling a military spirit is showing severe signs of stress.

Further compounding the Bundeswehr's internal problems is a growing shortage of both officers and non-commissioned officers. It is estimated that the shortage of NCO's alone has reached 30,000 men.

There has been a marked increase in rejection of military service by German youths. Antiwar groups make no secret of their attempts to recruit antiwar followers *within the ranks of the army itself and to disrupt the army.*

"Carry disruption into the Bundeswehr" is a slogan of the Socialist German Students Union. The Extra-Parliamentary Opposition demands, "Undermine the Bundeswehr."

The problem of maintaining morale in the face of this is a critical one, admit army officials. The new turn to the right within the army ranks is also an ominous sign, in view of German history.

A sociology professor in the West German city of Mannheim published a revealing study in March. His report concluded that the German military today, as in the past, is particularly vulnerable to the lure of extreme right-wing politics. Prof. Rudolf Wildenmann said the appeal of the National Democratic Party was running 20 to 25% higher in the military than among civilians.

Watch the September elections in West Germany.

IN THIS ISSUE:

The PLAIN TRUTH
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★ NATO AT THE CROSSROADS

De Gaulle is out! The North Atlantic Alliance — now 20 years old — is facing a crisis. NATO's "Sword and Shield" guarding the West is underpowered militarily, confused politically. This on-the-spot report, from the 20th anniversary meeting of NATO, reveals why. See page 2.

★ DWIGHT DAVID EISENHOWER, 1890-1969

Another of America's great men is dead. Another old soldier is gone. See page 5.

★ LSD—THE WHOLE STORY

What is LSD? Is it harmless, as many claim? Is it addicting? How does it affect the human mind and body? Why are many "tripping" on LSD, and heatedly claiming it is GOOD? See page 9.

★ EXCLUSIVE INTERVIEW WITH PHILLIP A. LUCE—EX-COMMUNIST

In order to get the facts about what is going on in our universities and WHY, we asked former Communist Phillip Abbott Luce for an exclusive interview. See page 17.

★ AND NOW...SCIENCE WANTS TO PLAY GOD!

Did scientists CREATE LIFE in a test tube? Scientists claim to be standing on the threshold of playing GOD — claiming CREATIVE powers! See page 23.

★ PROSPERITY CONTINUES—BUT ARE WE REALLY HAPPIER?

Have you ever wondered why today's high standard of living hasn't produced more real happiness? See page 39.

★ ALCOHOLISM—A WORLDWIDE CURSE!

MILLIONS are affected by the growing evil of alcoholism. Lives are ruined, marriages wrecked, and homes broken because of this dreadful CURSE! See page 43.

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MR-MRS TED A EFIMOV
9114 W 125 ST
PALOS PARK IL 60464