

After millions of dollars and over 20 years of research:

THE QUESTION ABOUT SMOKING AND HEALTH

IS STILL A QUESTION.

For the past two decades, hundreds of scientists have performed thousands of experiments and written millions of words in a dedicated effort to explore the question of smoking and health.

Result. So far, in spite of this massive effort, there are eminent scientists who question whether any causal relationship has been proved between cigarette smoking and human disease — including lung cancer, coronary heart disease, or emphysema. They believe that years more of exhaustive investigation will be required to clear up what is indeed now a muddy picture.

What has been learned is this: establishing cause-and-effect relationships which have been claimed to exist by government agencies and other groups is much more complex than originally thought. In fact, even those who claim a cause-and-effect relationship has been proved admit that no particular ingredient, as it occurs in cigarette smoke, has been demonstrated as the cause of any particular disease.

Who Sponsored the Research

There are those who believe that voluntary health associations have provided the money for most of this research. Others think it was strictly a project of the various U.S. Government departments.

It is true that both have been . . . and continue to be . . . active in this field. But — a major portion of this scientific inquiry has been financed by the people who know the most about cigarettes and have a great desire to learn the truth . . . the Tobacco Industry.

And the industry has committed itself to this task in the most objective and scientific way possible.

No Strings Attached

In the interest of absolute objectivity, the Tobacco Industry has supported two totally independent research efforts with completely independent funding.

In 1954, the industry established what is now known as CTR, the Council for Tobacco Research-USA, to provide financial support for research by independent scientists into all phases of tobacco use and health. Completely autonomous, CTR's research

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activity is directed by a board of ten scientists and physicians who retain their affiliations with their respective universities and institutions. This board has full authority and responsibility for policy, development and direction of the research effort. Each researcher receiving a grant has complete freedom to publish the results of his work, whatever the results may be. As of this year, CTR has made grants totaling over 17 million dollars.

In 1964, the Tobacco Industry made a commitment for additional independent research that now amounts to 18 million dollars. This commitment was made to AMA-ERF, the Education and Research Foundation, which is a research arm of the American Medical Association. The ERF, like the CTR, makes grants for scientific research with complete freedom and autonomy.

#### What they did

As of June 1970, the Council for Tobacco Research alone has awarded 389 separate grants to 189 medical schools, hospitals and institutions in this country and five other countries. These institutions are listed below.

The Education and Research Foundation has awarded 157 grants to the 69 medical and research institutions listed below.

The combined commitment by the Tobacco Industry for these projects presently amounts to over 35 million dollars. In fiscal 1969, for example, the Tobacco Industry's commitment in this area was more than any government department . . . and millions more than the research expenditure on smoking and health reported for the same period of all the voluntary health associations combined.

#### What they found

The findings of research studies funded in whole or in part by CTR have already resulted in publication of 826 scientific papers in professional literature. Those sponsored by the Education and Research Foundation have resulted in the publication of 280 reports.

1106 reports in all. Through this work much valuable data has been produced about lung cancer, heart disease, chronic respiratory ailments and other diseases. However, there's still a lot more to be learned.

The findings are not secret

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All the above reports have been published in medical journals in the United States and other parts of the world.

In addition, for scientific reference, the CTR has established one of the world's largest libraries of documents concerning smoking and health. These documents are made available to scientists and doctors interested in pursuing the scientific truths on the smoking and health issue.

The work should go forward

There are eminent scientists who believe that the question of smoking and health is an open one and that research in this area must go forward.

From the beginning, the Tobacco Industry has believed that the American people deserve objective, scientific answers. With this same credo in mind, the Tobacco Industry stands ready today to make new commitments for additional valid scientific research that offers to shed light on new facets of smoking and health.

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For further information, we invite you to read  
"The Cigarette Controversy". Write to:

The Tobacco Institute  
1776 K Street, NW  
Washington, DC 20006

CTR

awarded grants to these institutions  
(LIST 189 INSTITUTIONS)

ERF

awarded grants to these institutions  
(LIST 69 ERF INSTITUTIONS)

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Albany Medical College  
 Arthur D. Little  
 Bio-Research Institute, Inc.  
 Colorado University  
 Consiglio Nazionale della Reserche (Rome)  
 Cornell Medical College  
 Cox Coronary Heart Institute (Kettering, O.)  
 Duke University  
 Evanston (Ind.) Hospital  
 Food and Drug Research Laboratories, Inc. (Masbeth, N.Y.)  
 Georgetown University  
 Harvard Medical School  
 Harvard University  
 Illinois Institute of Technology Research Institute  
 Indiana University Medical Center  
 Institute de Recherche Farmacologiche (Milan)  
 Karolinska Institute (Stockholm)  
 Kensington Hospital (Philadelphia)  
 Krannert Hospital Research Institute (Indianapolis)  
 Lovelace Foundation for Medical Education and  
 Research (Albany, N. Y.)  
 Medical College of Virginia  
 Medical College of St. Bartholomew's Hospital (London)  
 Methodist Hospital of Indiana  
 Michigan State University  
 Montreal University  
 Nara Medical College (Nara, Japan)  
 New York University Medical College  
 New Jersey College of Medicine and Dentistry  
 New Jersey Mental Health Research and Development  
 Fund., Inc.  
 Northwestern University School of Medicine  
 Nuclear Science and Engineering Corp. (Pittsburgh)  
 Philadelphia General Hospital  
 Presbyterian-St. Luke's Hospital (Chicago)  
 Roswell Park Memorial Institute  
 Royal Veterinarian College (Stockholm)  
 Southwest Foundation for Research and Education  
 (San Antonio)  
 St. Louis University School of Medicine  
 St. Vincent's Hospital (Worcester, Mass.)  
 State University of Iowa  
 University of California at Berkeley  
 " " " at Irvine  
 " " " at Los Angeles  
 " " " at San Francisco  
 University of Chicago  
 " " Cincinnati  
 " " Colorado Medical College  
 " " Connecticut Health Center (Hartford)  
 " " Connecticut (Storrs)

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Institutions "Cont'd)

University of Iceland  
" " Illinois  
" " Hawaii  
" " Kansas  
" " Kentucky Medical College  
" " Louisville  
" " Miami  
" " Michigan  
" " Minnesota  
" " Nebraska College of Medicine  
" " Oklahoma  
" " Pennsylvania  
" " Pittsburgh  
" " Sessari (Sardinia)  
" " Texas Southwestern Medical School  
" " Toronto  
" " Vermont  
" " Virginia School of Medicine  
Utah State University  
Washington University  
Wayne State University School of Medicine

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