

30 JUNE 1970

ANNUAL MEETING

INTRODUCTION

CTR-SCIENTIFIC STAFF — S.A.B. — PLANNING COMMITTEE

In light of background just reported —
we use this information as a
spring board for future planning

1. Re evaluate existing programs
2. Work toward targetted programs.
3. Efficient use of funds.

~~Brief comment:~~

~~It is important to realize that final answers to questions are not easy:
NCI, A.C.S.
Nat Heart & Lung Institute
Am. Heart Assoc. — all
have been funding longer — greater & value. lower.~~

Point #1 Retired Projects

Can not minimize the effect of refusing to fund programs which will not generate good, useful data.

SAB & STAFF more careful scrutinizing

Summary

Year	Requests	Yes	No
1967	39	30%	70%
1968	47	17%	83%
1969	40	12%	88%

POINT #2 TO UPDATE PROGRAMS
PHASED OUT - the following

~~Changing to implants.~~
We now have answers -

Examples:

- a - Bladder cancer association
- b) - Ulcer association
- c) Chemistry of Nicotine
- d) Metabolism of Nicotine
- e) Various ingredients: Ni, As, Pb, Se, aflatoxins
- f) Development of smoking machines

Summary,	Projects	Dollar Value (last year)
1967	8	\$ 113,160.40
1968	10	\$ 217,305.95
1969	17	\$ 375,395.58

POINT #3.

Emphases has been changed.

1 Nicotine Pharmacology } → Psychopharmacology
2 Pure Behavioral

3. Cells in test tube

a) First funded pure techniques
CTR first to recognize usefulness

b) Tissue culture to organ culture.
(small sections of human tissues
grown in chemical solutions)

c) Now apply to human organs

d) Now in position to get concrete
answers on effect of smoke on human organs.

4. Animal models.

Change from rats & mice to HAMSTERS

CTR foreground.

Note: CTR recognizes that Cancer is main problem
Chronic Pulm. disease next - then C.V. ...

POINT #4

ACTIVE EVALUATION NOW GOING ON

1. Funded computer - data program
usefulness - where do we go. ?
2. Has enough work been done on
personality studies vis a vis nicotine?
3. Constant surveillance of future hot topic!
Collecting literature
Library work

ie Cd.

POINT #5

IMPORTANT WORK COMPLETED

(Grants - Contracts... - etc - doesn't matter)

CTR wrote, designed, did every thing "but
diaper the animals".

A- Example:

- a) Cigarette smoking associated by statisticians & lung cancer
- b) "Tars" from cigarettes causes growths on back skin
- c) Pipe & Cigar tobacco no cancer
- d) " " " tars - equal number of
SKIN painted growths

CANT HAVE IT BOTH WAYS.

B- EXAMPLE:

Mottmann said only particulate
phase can cause damage & cancer.

We initiated studies to show some changes
are due to gas phase - Can't have it both wa

C Example:

Informal Conferences.

31 held to date

10-12 Scientists per group.

They got picture of what we are trying to do
We got many interested in doing research in
area of tobacco & health.
Generated projects.

But:

Got many scientists to see this is
an open question

They relay this idea to their colleagues.

Many are now helpful to industry.

POINT 6 We are on look out for
New + Useful Programs

Examples:

A. Israel Census Bureau.

Follow up smoking questions.
Effect of stress will be assessed.

How useful will mail questionnaires be.

Set up twin registry.

B. Georgetown Univ. FAA project (Pilots
commercial
amateur)
300-400 men tested 7 yrs in row.

Physical, pulmonary function
Mass data
Statistical analysis

Do we tie up?

C. New + useful laboratories

Cancer Research Institute Columbia, Mo
Primate Center NYU.

7. New & Redirected Programs

Under actin now

Contracts.

Examples

A. Check out performance of available
smoking machines -Keep in foreground of smoking inhalation
research.

B. Hamster as a model for inhalation.

Wynder crit. mouse & rat.
now ...

C. Use of tissue culture & virus controls.

Point 8

FUTURE

Closer control over many projects.

New areas

- a) More work on Virus origin of cancer.
- b) " " " Immunology & allergy.
- c) " " " Stress on diseases.

especially biochemical measurements.
what is real relative to cigarettes
what part of Auerbach's results are
due to extreme stress.

d) Personality?

POINT # 9. LAST PART

Not to work up.

Fallout — Aid to Industry.

1. Men - Available for Testimony
 - a) Congress
 - b) witness stand. (short list available)

2. Education at Scientific Meetings
 - CTR Scientists attend - quiet educational job
 - Conference attendees - also are the
 - grantees " " "

3. Speeches & Conferences.
 - Platform Challenges - Dr Sumner / within
 - Dr Frost } 2 weeks ago

4. Help refute wild claims.

Se - West
 ↓
 Frost
 ↓
 West.

As: Valley of Howard

W: Sumner
 Frost
 Sumner.

POINT #10

PROGRESS SLOW BUT DEFINITE

These are difficult problems.

Am. Cancer Soc.

National Cancer Institute

Am Heart Assoc.

National Heart & Lung Institute

Have been funding projects many years
before us.

Institutes also have own research units

They have not come any closer than
CTR in finding answers.

In many ways our programs are
more imaginative than theirs

&
we are really getting on target