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FRANK P BEBEE  
1936-1940

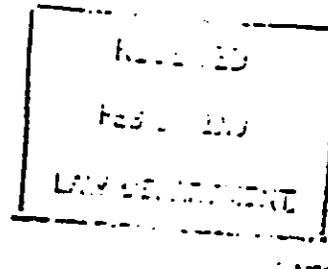
SAM B BEBEE  
1966-1968

EDGAR SHOOK  
1964-1970

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February 5, 1979

Mr. Thomas F. Ahrensfield  
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Mr. Joseph Greer  
Mr. Arnold Henson  
Mr. Ernest Pepples  
Mr. Arthur J. Stevens



Bill Shinn and I have reviewed the enclosed research proposal from Dr. Duncan E. Hutcheon entitled "A Pilot Project to Investigate the Environmental Pharmacology of Industrial Inhalants." Dr. Hutcheon is requesting funds in the amount of \$89,870.00 to support, as a CTR special project, this one-year pilot study on environmental exposures.

Dr. Hutcheon is currently a co-investigator with Dr. Aviado on a CTR special project grant to the College of Medicine & Dentistry of New Jersey. The project is essentially complete and Drs. Hutcheon and Aviado believe they have contributed to a deeper understanding of the cardiovascular effects of nicotine. Specifically, the research has demonstrated a coronary vasodilator effect of nicotine which is accompanied by an improvement in blood flow to the myocardial cells. Dr. Hutcheon was not originally involved with the research project but agreed to join as a co-investigator when Dr. Aviado began his affiliation with the College of Medicine & Dentistry of New Jersey.

In addition to his joint appointment as Professor of Medicine and Pharmacology at the College of Medicine & Dentistry of New Jersey, Dr. Hutcheon is Chairman of the newly formed American Board of Clinical Pharmacology and Editor of the Journal

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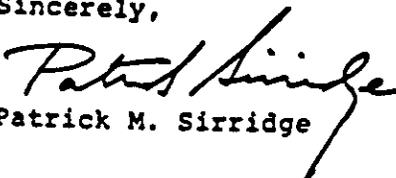
of Clinical Pharmacology. He has published over 60 scientific articles and is considered an expert in the area of cardiovascular and renal pharmacology. Moreover, Dr. Hutcheon has spent considerable amounts of time developing the fields of clinical and environmental pharmacology.

The present request has scientific importance because Dr. Hutcheon and his team of experienced researchers propose to correlate certain biologic parameters such as carboxyhemoglobin with the reported environmental exposures of selected samples of the New Jersey population. We view this research as particularly timely in light of recent reports on chronic disease mortality and environmental conditions in New Jersey. Dr. Hutcheon also plans to obtain data on the possible effects of exposure to environmental tobacco smoke as compared with exposure to various other environmental inhalants. In this regard, Dr. Hutcheon has studied the issue of public smoking and most recently presented a statement at the New Jersey Public Health Council hearing on December 11, 1978.

As indicated in the attached proposal, Dr. Hutcheon is hopeful that the pilot study will produce meaningful data and enable him and his colleagues to structure more detailed research into the biomedical aspects of environmental exposures. We have discussed the project with Dr. Gardner and he believes it is worthy of support. Accordingly, we recommend that Dr. Hutcheon's proposal be approved as a CTR special project.

Your earliest possible response to Bill Shinn or me with respect to this proposal would be appreciated.

Sincerely,

  
Patrick M. Sirridge

PMS:sh  
Enc.

cc & enc: Mr. DeBaun Bryant  
Mr. Alexander Holtzman  
Mr. Lester Pollack  
Mc Janet Bryant

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