

# INTERDEPARTMENTAL

Vice President for Health Affairs  
Health Sciences Center

January 16, 1975

TO: John R. Hogness, M.D.  
President

FROM: J. Thomas Grayston, M.D.  
Vice President for Health Affairs  
Chairman, Alcoholism and Drug Abuse  
Studies Board

RE: Use of Initiative 171 Funds at the University of Washington 1973-74

Under the provisions of RCW 66.08.180, Initiative 171 funds are used to support medical and biological research activities at both the University of Washington and Washington State University. The allocation for the present biennium was \$1,000,000. The University of Washington has received 60% of that amount, or \$300,000 yearly.

The Institutional Fund Committee, under the chairmanship of Provost Solomon Katz, is responsible for the allocation of the 171 monies which come to the University. For 1974, allocations were made to the following:

- State Toxicology Laboratory
- Alcoholism and Drug Abuse Institute
- Alcoholism Small Grants Program
- Graduate School Research Fund
- Pharmacy equipment

Individual statements in relation to each of these areas are attached to this memorandum.

As you know, the University of Washington has been interested in broadening our efforts in the general field of alcoholism and drug abuse. It is a pleasure to report to you officially that the Alcoholism and Drug Abuse Institute which was begun in November 1973 is developing well. Both Dr. Marlatt and Professor Roffman have done outstanding jobs as acting directors. The appointment of Marc A. Schuckitt, M.D. as permanent director (6-1-75) is expected to be recommended to the Board of Regents in February.

Since existing statutes limit the use of Initiative 171 money to medical and biological research, the first annual report of the Institute indicates that all of the funds have gone into research, with only those efforts in the training category that can be funded from other sources.

## STATE TOXICOLOGY LABORATORY

### State Toxicology Laboratory of the Department of Pharmacology

"The State Legislature authorized the establishment of a State Toxicology Laboratory in 1953. It was organized and has continued to function since September, 1955. The Laboratory functions in three fields of endeavor. The first is that of a service function through which coroners, prosecuting attorneys, and certain police agencies in the state can request analysis of human tissue for the presence of chemical agents as the cause of poisoning for forensic medical purposes. The Laboratory director is legally identified as the State Toxicologist, and as such has charge of implementing certain of the State Laws pertaining to chemical induced toxicity. The second function is that of carrying on organized research problems in the field of toxicology and pharmacology. The third function is that of contributing to the teaching of all courses presented by the Department of Pharmacology. In order to accomplish these functions, the laboratory has staff and equipment to conduct chemical and micro-chemical tissue analyses and to conduct toxicological experiments."

University of Washington Faculty  
Handbook, Vol. VI, page 17

Ted A. Loomis, M.D., Ph.D., Professor of Pharmacology, is the State Toxicologist. By state law, both the University of Washington and Washington State University contribute to the operation of the State Toxicology Laboratory out of their allocations from 171 funds. The University of Washington's commitment for fiscal 1974 was \$30,000.

UNIVERSITY OF WASHINGTON  
The Graduate School

ANNUAL REPORT: 1 July 1973 - 30 June 1974

GRADUATE SCHOOL RESEARCH FUND COMMITTEE:

BIOLOGICAL AND MEDICAL SCIENCES SECTION

Projects approved for support 1973-74

<u>Investigator, Department and Project Title</u>	<u>Allocation</u>
ALLEN, David R. - Radiology A Possible Therapeutic Agent for Treatment of Metastatic Bone Carcinoma	\$4891.40
BAKKEN, Aimee H. - Zoology Chromosome Organization in Oogenesis and Development	\$4447.00
CHANDLER, John W. - Ophthalmology Protection of Guinea Pig Corneal Allografts by Succinylated Homologous Antibody	\$1500.00
ELMER, Gary W. - Pharmacy Atimelanoma Activity of Phenylalanine Ammonia Lyase and Tyrosine Phenol Lyase	\$2975.10
FANGMAN, Walton L. - Genetics Specificity of DNA Replication Units in Yeast	\$1500.00
FARNER, Donald S. - Zoology Dynamics of the Control of the Endocrine Testis	\$1500.00
GALLANT, Jonathan A. - Genetics The Frequency of Error in Translation	\$1000.00
HERSHBERGER, William K. - Fisheries Possible Introgression Between Populations of Pink Salmon ( <u>Oncorhynchus Gorbuscha</u> ) and Chum Salmon ( <u>Oncorhynchus Keta</u> ) in Hood Canal	\$1200.00
HESSEL, Eugene A. - Surgery Microfiltration During Human Cardiopulmonary Bypass	\$1300.00
HUTTON, Robert S. - Physical & Health Education Alterations in Single Motor Neuronal Discharge Following Their Reflex Activation	\$1500.00
KIEHN, E. - Microbiology Viral Functions in Malignant Transformation	\$ 500.00

UNIVERSITY OF WASHINGTON

Institutional Fund

Allocations from Initiative 171 Fund  
Fiscal Year 1974

Pharmacy Equipment

Program Director: Associate Professor William F. Trager \$22,500  
School of Pharmacy (\$22,500 from PHS Biomedical  
Sciences Support Grant)

Funds used for the purchase of a low solution mass spectrometer to be used to study and delineate the parameters which could influence the more efficacious use of drugs and to increase the understanding of the mechanism of drug action at the molecular level. The instrument is to be included in the Chemistry-Pharmacy shared equipment pool, thus increasing its utilization.