326-US ATOMIC ENERGY
RG COMMISSION
Collection Wises of Diology Medicine

Box
Folder 5

March 23, 1949

TO:

Commissioners and Division Heads

FROM:

Carroll L. Wilson, General Manager

SUBJECT: Meeting of the Advisory Committee for Biology and Medicine

The fifteenth meeting of the Advisory Committee for Biology and Medicine will be held or April 8-9, 1949, at the Brookhaven National Laboratory, Upton, L.I., New York,

Invitation is cordially extended to attend this meeting.

#### April 8, 1949

Inspection of facilities - 9:00 A.M.

#### April 9, 1949

Agenda - 9:00 A.M.

- 1. Consideration of the Minutes of the meeting at the Atomic Energy Commission, Washington, D. C., on February 12, 1949.
- 2. Report on support of research.
  - a. Proposals approved since February 12 meeting:

#### To Oak Ridge:

(1) University of Florida - Dr. A. A. Bless - "Investigation of Bioelectric Potentials of Plants and Animals as a Function of Radiation Injury" - \$15,250

\$15,250

Salaries\$8,000Equipment1,250Overhead3,500Miscellaneous, supplies, etc.2,500

Total Request

DEPARTMENT
SINGLE REVIEW AUTHORIZ

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW

IEW ANTHORIZED BY DETERMINATION [CIRCLE NUMBER(S)]

1. CLASSIFICATION RETAINED

Z. CLASSIFICATION CHANGED TO:

3. CONTAINS NO DOE CLASSIFIED INFO

4. COORDINATE WITH:

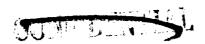
5. LASSIFICATION CANCELLED

6. CLASSIFIED INFO BRACKETED

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North Carolina State - Dr. W. C. Gregory - "Peanut Seed Irradiation" - \$17,145

overment	Salaries Equipment Travel	\$9,450 2,500 2,000 945
	Overhead	2,250

Total Request \$17,145

(3) North Carolina State - Dr. N. E. Hall - "The Movement of Ions Through Soil Systems - \$20,850 3/1/49

Salaries	\$12,200
Equipment	5,650
Travel	600
Overhead	2,400

\$20,850 Total Request

University of North Carolina - Dr. C. D. Van Cleave -"Radioautographic Study of the Distribution and Retention of Beryllium in the Rat" - \$30,000

Salaries Equipment		\$2,200 1,200
Travel		<del>4</del> 00
Miscellaneous,	Supplies, etc.	26,200
	Total Request	\$30,000

University of Virginia - Dr. C. L. Gemmill - "The Effect of Beta Radiation on the Distribution of Phosphate in Red Bloodcells and in Cardiac Muscle" - \$10,500

Salaries	\$6,000
Equipment	1,850
Travel	200
Overhead	935
Miscellaneous, Supplies, etc.	1,515
	\$10,500



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2/1/44

Meharry Medical College - Dr. P. F. Hahn - "The Use of Radioactive Gold in the Treatment of Various Tumors by Direct Infiltration - \$60,000

Salaries	\$38,400
Equipment	6,375
Travel	1,500
Overhead	7,700
Miscellaneous, Supplies, etc.	6,025

Total Request

\$60,000

University of North Carolina - Dr. A. Roe - "Supplies and Equipment for Carbon 14 Research - \$2,000

Equipment

\$2,000

### To Chicago Office:

(1) University of Kansas - Dr. E. R. Hall - "Radium Chloride and Hemopoletic Physiology of Native Rodents - \$11,040

\$5,400 La Jan. Salaries Miscellaneous, Supplies, etc.

Total Request

\$11,040

Henry Ford Hospital - Dr. F. W. Hartman - "Pilot Experiment" - \$1,500

University of California - Dr. J. H. Lawrence - "Effects of Irradiation on Animal Tissues" - \$33,250

Salaries Equipment Travel Overhead			Jan 20, 1948  Orcy frant  33, 250
	Total Request	\$33,250	_ ′ ·

University of Michigan - Drs. R. L. Kahn and F. T. Hodges -"Universal Serologic Reaction Following Irradiation" -\$25,000

Salaries Travel Overhead Miscellaneous,	Supplies. etc.	\$19,540 400 3,060 2,000
misocrimeous,	Total Request	\$25,000

COM TOTAL

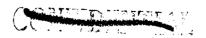
(5)	University of Californi the Hetabolism on Radio Reference to Dental and	active Fluori	ne and Particula	r
	Salaries Equipment Overhead Miscellaneous, Supplies	s, etc.	\$3,800 780 380 40	
	Total Re	equest	\$5,000	
(6)	Oklahoma A. & M Dr. genetic Effect of Irrad Isotopes on Bacteria" -	liation, Using	"Study of Cyto- Radioactive	3/10
	Salaries Equipment Travel Overhead Miscellaneous, Supplies	s, etc.	\$3,600 1,000 300 540 300	
	Total Re	 equest	\$5,740	
(7)	Ohio Agricultural Expendence Davidson - "Physiology Micro-organisms When Gradioisotopes" - \$2,400	and Genetics own in Presen	of Plant Pathogen	n <b>ic</b> 3/, j
	Salaries Equipment Travel Eiscellaneous, Supplies	s, etc.	\$1,400 750 25 250	
	Total Re	equest	\$2,400	
√ (8) \	University of Californi on the Netabolism of P3 bolites Such as Acetate	32 and the Uti	lization of Meta-	

- 4 -

Total Request

Equipment
Miscellaneous, Supplies, etc.

Salaries



\$8,000 4,500 3,500

\$16,000



University of Minnesota Medical School - Dr. G. E. Moore - "Study of Methods and Instr. to Improve the Localization of Radioactive Materials in the Body" -\$16,000

Salaries Equipment Overhead Miscellaneous,	Supplies.	etc.	\$7,770 3,475 1,150 3,605
Miscerianeous,	puppires,	C008	

\$16,000 Total Request

#### To New York Office:

Johns Hopkins - Dr. A. Wolman - "Investigation of the Absorption and Assimilation of Radioactive Materials by Surface Slimes - \$12,200

Salaries		\$4,600
Equipment		5,000
Travel		400
Overhead		900
Miscellaneous,	Supplies, etc.	800
	Motol Postost	\$12.200

Total Request

Mt. Sinal Hospital - Dr. R. Loevinger - "Measurement of Tissue Doses Due to Gamma and Beta Active Radioisotopes" \$5,000

\$2,500 Salaries 1,500 Equipment 1,000 Miscellaneous, Supplies, etc.

Total Request

\$5,000

Yale University - <u>Dr. E. C. Pollard</u> - "Monomolecular Layers of Serological Agents" - \$4,500 Equipment

\$4,500

(4) Yale University - Dr. E. C. Pollard - "Irradiation of Viruses and Large Molecules - \$8,000

Salaries			\$6,000
Equipment			1,600
Miscellaneous,	Supplies,	etc.	400

\$8,000 Total Request

# COLUMNIA

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	(5)	"Study of the Deleterious Ge	ological Assn $\frac{Dr_s}{Accumulation}$ and Eline Nutations in Exped to Radiations - \$5	mination of erimental Popu-	
	<i>)</i>	Salaries Equipment Travel Overhead Miscellaneous,	Supplies, etc.	\$32,400 14,000 700 3,200 4,700	<i>1</i> /
			Total Request	\$55,000	
	(6)	Radioactive Io	rsity - <u>Dr. S. W. We</u> dine in Developing C rotropic Hormone <sup>ii</sup> -	Quantitative Assay	
		Salaries Equipment Miscellaneous,	Supplies, etc.	\$2,400 800 1,400	
<i>_</i> /.	(7)	Conn. Agr. Exp.	Total Request  O.O.F.  Sta Dr. Horsfal  by Nuclear Radiation	<u>l</u> - "Therapy of	
So		Salaries Equipment Travel Miscellaneous,	Supplies, etc.	\$4,000 2,500 500 1,000	3/10
			Total Request	\$8,000	
	b. :	Proposals extend	ded since February 1	2 meeting:	
C Joseph	(1)	"Relationship	California, Berkeley between Radiation Da 00; Original gra-	mage and the Immu	nity &
	(0)	D-41 T - 2 W-	V Dantas De	U T Drawn of	

gh (2)

Beth Israel Hospita, Boston - Dr. H. L. Blumgart - "Studies of Radioactive Iodine Therapy of Graves Disease and other Related Thyroid Disorders" - \$44,500; Augustane 12,000; Augustane 12,000; Augustane 12,000; Augustane 15

(3) Memorial Hospital, New York - Dr. C. P. Rhoads - "Cancer Research" - \$140,000 - (Sloan-Kettering Inst.)

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(Sloan-Kettering Institute, Contid.)

Cancer Research - \$140,000

### Physics Division

\$36,530 Salaries Supplies (including purchase and maintenance of animals, construction, miscellaneous) 18,000 \$54,530

Protein Chemistry Division

\$29,740 Salaries Supplies (including purchase and maintenance of animals, construction, miscellaneous) 18,352

\$48,092

## Experimental Pathology Division

Salaries

\$23,355

Supplies (including purchase and maintenance of animals, construction, miscellaneous) 14,000

\$37,355

(4)

Total Request - \$140,000 (Extension) Sloan-Kettering Institute - Memorial Hospital - Dr. Rulon Rawson - "Study of Thyroid Cancer with Radioactive Iodine - \$40,000

\$31,280 Salaries Supplies (including purchase and maintenance of animals, miscellaneous

8,720

Read West letter. Manu supplemented to \$56,666

Read West letter. Approved thru 6/30/50.

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not essential in the not essential in the development of radiors arrangy.

DOE ARCHIVES

16 attention of other this Offectiveness of 4 original centers Tehne subjette - miller of franklin Computer me report in fact as to what he to what he Brookhaven National Laboratory to what has good on in all training Presentation of Program Da, Hawrithi Dr. Donald D. Van Slyke Dr. Lee E. Farr -elnel. what has happened to Dr. Leslie Nims rand sum not Frederick P. Cowan not pullely. and months. Medical Research at Brookhaven (Material in Folder) Training Program - Dr. John Z. Bowers Should be in a Suggestions are requested as to the advisability of initinumber of labs rather a. ating programs elsewhere. General Discussion of various levels of training and coordinamaterial up into a tion of activities. handbook , Syllabi Material in folder for reference Prospectus of radioisotope training program at Oak Ridge Institute of Nuclear Studies. 2. Letter from Dr. Ralph T. Overman regarding training program for Summer, 1949. (See Justin's trains report Training Program - Radiological Physics training, as Cope fellushing at Haverford. ( 4 colleges Fellowship Program (Material in folder for reference - List of Fellowships awarded in Medical and Biological Sciences) Joilla, to ment Suggestions requested on how more qualified applicants may be obtained bronk on relection Discussion desired on advisability of offering one-year post-doctoral medical Fellowships. Radiation Cataracts Material in folder for reference: a. Letter from Dr. Bowers to Dr. Weed Letters from Dr. Weed re allocation of \$300,000 to National Research Council for cataract survey. \$15,000 has been set aside for transfer to National Research Council as an initial step for this survey, Taylore report - refer conjutance of integration Bring in eye people partially. DOE ARCHIVES 1059516

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6. Radiation Cataracts (Cont'd.)

It is recommended that the Division of Medical Sciences be requested to continue the established panel as an advisory group and that funds he allocated for the medical survey as requested. It is further recommended that the Radiation Cataract Committee advise the Division of Biology and Medicine as to indicated research projects for coordination with the existing research program of that Division and administration by the Division of Biology and Medicine.

- 7, Budget- Dr. John Z. Bowers
- 8. Future Tests Colonel J. P. Cooney
- 9. Report by Prof. Harry L. Bowman
- 10. Other Business

Next meeting of the Advisory Committee for Biology and Medicine

Wash - June !!

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