

1/16/42

205D
Univ. of California
Radiation
42003

It was, on motion,
RESOLVED that the sum of Sixty thousand dollars (\$60,000), or
RF 42001
as much thereof as may be necessary, in addition to
RF 40036, be, and it hereby is, appropriated to the
UNIVERSITY OF CALIFORNIA for expenditure during 1942
for expediting the construction of the GIANT CYCLOTRON,
and for purchase of certain associated equipment; all
other terms of RF 40036 to remain unchanged.

UNIVERSITY OF
CALIFORNIA -
CYCLOTRON

The following were the considerations presented:

Natural Sciences - Exception to program

Previous Interest: In 1940, \$1,150,000 was appropriated to the University of California toward the cost of construction, housing and installation of a giant cyclotron during the period ending June, 1944. This appropriation was made upon the condition that the University provide a minimum of \$250,000 toward capital costs and, in addition, provide not less than \$85,000 annually as a maintenance budget for a period of not less than ten years following completion of the instrument.

Previous grants to the University of California for the cyclotron researches of Professor E. O. Lawrence total \$82,000. The Foundation has made possible the construction of a cyclotron in one other American center through a gift of \$60,000 to Washington University in 1939.

General Description: Circumstances have arisen which make it important that the giant cyclotron be available for use as promptly as possible. By working three shifts a day it is estimated that the cyclotron can be ready for use in four months, whereas the present rate of construction would make it available in eight months or more.

Finances: A portion of the sum indicated will be used to purchase certain items of equipment for the building and associated apparatus for the cyclotron. The remainder will be used to meet the extra expenses of expediting the construction. The obligations of the University under appropriation RF 40036 will remain unchanged.

May 11, 1944

FBH - FBH
WW - *ww*
HMM - *Hmm* 205 D
EB - *Univ of California Radiation*
E 4417

JUN 6 1944

December 1, 1943

RESOLVED that the officers be, and they hereby are, authorized to extend the period within which an appropriation of the Board or the Executive Committee is operative by not more than one year or change the allocation in annual amounts or make other minor changes, provided the total amount of the appropriation and its purpose are unchanged, report being made to the Executive Committee of the actions taken under this authorization.

1. At a meeting of the Board of Trustees held April 3, 1940, the following action was taken:

RESOLVED that the sum of One million one hundred fifty thousand dollars (\$1,150,000), or as much thereof as may be necessary, be, and it hereby is, appropriated to the UNIVERSITY OF CALIFORNIA toward the cost of construction, housing, and installation of a giant CYCLOTRON, upon condition that the University shall agree to provide a minimum of \$250,000 toward capital costs, and shall further agree to provide not less than \$85,000 annually as a maintenance budget for a period of not less than ten years following completion of the instrument; it being understood that any balance of this appropriation remaining unexpended as of June 30, 1944, shall revert to the Foundation; this appropriation to be charged to the Principal Fund.

2. The national emergency has made impossible the completion of the cyclotron in accordance with expectations, and therefore formal application for extension of time has been made by the University of California.

The officers hereby approve extending for a period of twelve months RF 40036 to the University of California toward the cost of construction, housing, and installation of a giant cyclotron, thereby making the appropriation available for the period ending June 30, 1945.

Frank Blair Hanson
For the Director, Natural Sciences

[Signature]
Comptroller

Date: May 11, 1944

BBl
Vice-President

The following five actions extend the period of current projects in the Natural Sciences with the carrying out of which the war has interfered, mostly through the drawing off of personnel into war work. The fifth appropriation, that to the Catholic University of America, is offered both for extension and for amendment to broaden somewhat the designated purpose which now reads "for researches on the decomposition and synthesis of certain polynuclear ring systems". The officers have assurances that all of these projects will be carried out substantially as originally planned.

Copies in
individual
project files.

It was, on motion,

RESOLVED that Appropriation RF 38070 of \$61,200 to provide not more than £12,000 to the UNIVERSITY OF LONDON for researches under the direction of Professor I. M. Heilbron of the Department of Organic Chemistry in the Imperial College of Science and Technology be, and it hereby is, extended for five years to September 30, 1950.

UNIVERSITY
OF LONDON -
ORGANIC
CHEMISTRY -
EXTENSION

RESOLVED that Appropriation RF 40036 of \$1,150,000 to the UNIVERSITY OF CALIFORNIA toward the cost of construction, housing and installation of a giant cyclotron be, and it hereby is, extended for four years to June 30, 1949.

UNIVERSITY
OF
CALIFORNIA -
CYCLOTRON -
EXTENSION

RESOLVED that Appropriation RF 42079 of \$13,920 to WASHINGTON UNIVERSITY, St. Louis, for expenses of increased use of its cyclotron be, and it hereby is, extended for three years to June 30, 1948.

WASHINGTON
UNIVERSITY -
CYCLOTRON -
EXTENSION

RESOLVED that Appropriation RF 42050 of \$22,000 to CORNELL UNIVERSITY for research in the field of enzyme chemistry under the direction of Professor James B. Sumner in the Biochemistry Laboratory, College of Agriculture, be, and it hereby is, extended for three years to June 30, 1948.

CORNELL
UNIVERSITY -
ENZYME
CHEMISTRY -
EXTENSION

RESOLVED that Appropriation RF 40059 to the CATHOLIC UNIVERSITY OF AMERICA be, and it hereby is, extended, and amended as to its purpose to read as follows:

CATHOLIC
UNIVERSITY
OF AMERICA -
ORGANIC
CHEMISTRY -
AMENDMENT

RESOLVED that the sum of Twenty-eight thousand dollars RF 40059 (\$28,000), or as much thereof as may be necessary, be, and it hereby is, appropriated to the CATHOLIC UNIVERSITY OF AMERICA for a study of polynuclear ring systems, proteins and carbohydrates under the direction of Professor F. O. Rice during the period July 1, 1940, to September 30, 1948; with the understanding that if for any reason Professor Rice ceases to be in active direction of these researches there shall be no commitment for more than one year thereafter, and the situation will be reviewed by The Rockefeller Foundation and the Catholic University of America.
