



Hunt Institute for Botanical Documentation  
5th Floor, Hunt Library  
Carnegie Mellon University  
4909 Frew Street  
Pittsburgh, PA 15213-3890  
Telephone: 412-268-2434  
Email: [huntinst@andrew.cmu.edu](mailto:huntinst@andrew.cmu.edu)  
Web site: [www.huntbotanical.org](http://www.huntbotanical.org)

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The Hunt Institute Archives contains hundreds of thousands of pages of historical content, writing and images, created by thousands of individuals connected to the botanical sciences. Due to the wide range of time and social context in which these materials were created, some of the collections contain material that reflect outdated, biased, offensive and possibly violent views, opinions and actions. The Hunt Institute for Botanical Documentation does not endorse the views expressed in these materials, which are inconsistent with our dedication to creating an inclusive, accessible and anti-discriminatory research environment. Archival records are historical documents, and the Hunt Institute keeps such records unaltered to maintain their integrity and to foster accountability for the actions and views of the collections' creators.

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#### *About the Institute*

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

TAXIMETRICS LAB.  
ARMORY 101

May 28, 1970

Ref: B025244

Dr. Willard W. Payne, Associate Program Director  
Systematic Biology  
National Science Foundation  
Washington, D.C. 20550

Dear Bill:

Further information for the above referenced grant request, concerning additional support is furnished below. First, let me request that any further communications be sent with the specific address given above. Frequently mail is sent to the main office of the department of biology, where it may gather dust for several days before someone there decides that my office is somewhere else.

At present, I have a small subcontract from the University of Georgia, financed by A.I.D., Dept. of State, for a survey of the potential value of Manihot esculenta to meet growing world food needs. This amounts to \$11,500.00, and essentially supports a post-doctoral position for Dr. S. G. Appan. Some summer consulting money is included for me. This contract terminates this summer.

There are no other outside support funds presently in shop, but we anticipate that we will receive \$10,000 more from A.I.D., starting July 1. This money will support Mr. Henry Fleming and a computer programmer for some information retrieval work on Manihot.

We have submitted a bid for a contract to install our information retrieval system for oceanographic work to Gulf Universities Research Corporation, but this is not a research grant, and is dependent on our ability to compete with other information systems. We have no knowledge of the status of that bid at this moment.

No other requests are outstanding.

Sincerely,

David J. Rogers  
Professor of Biology

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550

May 11, 1970

Dr. David J. Rogers  
Department of Biology  
University of Colorado  
Boulder, Colorado 80302

Dear Dr. Rogers:

Ref: B025244

Your proposal has been assigned for consideration to the Program for Systematic Biology, which now becomes the appropriate office for further correspondence concerning it. Should you have additional information to submit, or should you wish to learn of the progress of your proposal at any time, please do not hesitate to write. We should also be glad to hear of any pertinent developments in your current research program. It would be helpful if you would refer to the proposal by its newly assigned number.

If you have not already included the following in the proposal, we should like to know what support you are receiving from other organizations for any research projects. This information should include titles of the projects, and sources, amounts, and duration of financial support. We should also like to have information concerning any other applications you may have made and which are still pending.

Undoubtedly you are interested in the processing schedule for your proposal. Up to six months from date of receipt may be required for acting on this proposal. You will be notified as soon as a decision has been reached with regard to the disposition of your application.

Sincerely yours,



Willard W. Payne  
Associate Program Director  
Systematic Biology

"Monography of Manihot Employing Computer-Aided Taximetric Methods"

4/15/73 —

Apoke to Roark

he has authorized Stiborn  
to make the necessary adjustments  
to the account to ~~adjust~~  
wipe out all balance.

and pay his \$ 529.<sup>00</sup>

Journal Voucher

J. V. No.

Date

5-18-73

TYPE OF ENTRY	Department		Bud. Code	Object Class	AMOUNT	CR AND DEDUCT.	DESCRIPTION (Abbreviate to 23 Spaces)
	Number	Sub					
RECEIPT	333080		0059	1,071 09		CR	1708-55 CH Adg
RECEIPT							
RECEIPT							
RECEIPT							
EXPENDITURE	U241105			4,162 76		CR	See Attached List
EXPENDITURE	U241105			4,162 76		"	" "
EXPENDITURE	1708 55		6537	1,071 09		CR	FM21 CH Adg
EXPENDITURE							
EXPENDITURE							
EXPENDITURE							

Reference Number and Date

Explanation: To Texas for various charges to account  
Accounts + Record Allowable Overhead on  
Account 1708-55

Prepared by

Approved

Finance Officer



*Travel Center*  
**OF GREELEY**



125 SPRING STREET  
GREELEY, COLORADO 80639

TELEPHONE (303) 836-8111  
FAX (303) 836-8111  
RESERVATION (303) 836-8111

Professor David J. Rogers  
Pediatrics Laboratory  
Department of Biology  
University of Colorado  
Boulder, Colorado

10/2/70

OK DJR

Send to OGS

*Ad. Payment  
sent*

and Billing

8-31-70

Mr. Gilbert Herah--Travel to Root and Tuber  
Symposium in Hawaii

Round Trip--Denver-Honolulu-Lihue-Honolulu-Denver  
Departed Denver 8-24-70  
Returned Denver 8-31-70  
United Airlines Ticket #018-780848154

University of Colo. Account 7908-99

THIS STATEMENT REPRESENTS AN IMMEDIATE TRANSFER OF FUNDS FROM OUR AGENCY TO  
THE PARTICIPATING CARRIERS UPON ISSUANCE OF TICKETS. YOUR PROMPT PAYMENT  
WILL BE APPRECIATED.

\* ALL AIRLINE, STEAMSHIP, TRAIN AND BUS RESERVATIONS AND TICKETS + CHARTERS \*  
\* FOREIGN, DOMESTIC, ESCORTED, INDEPENDENT TOURS \*  
\* HOTEL RESERVATIONS + AUTO RENTALS \*

STATEMENT

UNIVERSITY OF COLORADO  
Finance Office

## EXPENSE VOUCHER

Date ~~8/13/71~~  
August 13, 1971Payee Ellen Jane Mohr

Do not use this form for payment of personal services. This may be used for payment of honoraria for individuals not employed by the University.

Address 2939 Marine, Apt. #106  
Street  
Boulder, Colorado 80302  
City State ZIP Code

AVOID RUSH CHECKS

## Detailed description of Charges

Outside, contracted, typing of manuscript for  
Monograph of Manihot

3.2 hours, at 2.00 dollars per hour

Dollars Cents

6 50

Charge Monograph of Manihot  
Name of Account

DEPARTMENT	
NUMBER	SUB
1708	55

BUDGET CODE	OBJECT CLASS

6 50

Approved .....  
Department Head

Vendor No. .... Inv. No. or Date .....

UNIVERSITY OF COLORADO  
Finance Office

## EXPENSE VOUCHER

Date .....

Payee Ila Gail McCarty

Do not use this form for payment of personal services. This may be used for payment of honoraria for individuals not employed by the University.

Address 801 Panorama Circle  
Street  
Longmont, Colorado 80501  
City State ZIP Code

AVOID RUSH CHECKS

## Detailed description of Charges

Outside, contracted, typing of manuscript for Monograph of  
Manihot 52 hours, at \$2.25 per hour

Dollars Cents

117 00

Charge Monograph of Manihot  
Name of Account

DEPARTMENT	
NUMBER	SUB
1708	55

BUDGET CODE	OBJECT CLASS

117 00

Approved .....  
Department Head

Vendor No. .... Inv. No. or Date .....

UNIVERSITY OF COLORADO  
Finance Office

## EXPENSE VOUCHER

Date May 26, 1971Payee Ellen Jane MohrAddress 2939 Marine, #106Boulder, Colorado <sup>Street</sup> 80302  
City State ZIP Code

Do not use this form for payment of personal services. This may be used for payment of honoraria for individuals not employed by the University.

AVOID RUSH CHECKS

## Detailed description of Charges

Outside, contracted, typing of manuscript for Monograph of Manihot  
30 hours, at \$2.00 per hour

Dollars

Cents

60 00

60 00

DEPARTMENT	
NUMBER	SUB
1708	55

BUDGET	OBJECT
CODE	CLASS

Charge Monograph of Manihot  
Name of AccountApproved \_\_\_\_\_  
Department Head

Vendor No. \_\_\_\_\_

Inv. No.  
or DateUNIVERSITY OF COLORADO  
Finance Office

## EXPENSE VOUCHER

Date \_\_\_\_\_

Payee Ellen Jane MohrAddress 2939 Marine, #106Boulder, Colorado <sup>Street</sup> 80302  
City State ZIP Code

Do not use this form for payment of personal services. This may be used for payment of honoraria for individuals not employed by the University.

AVOID RUSH CHECKS

## Detailed description of Charges

Outside, contracted, typing of manuscript for Monograph of Manihot  
10 hours, at \$2.00 per hour

Dollars

Cents

20 00

20 00

DEPARTMENT	
NUMBER	SUB
1708	55

BUDGET	OBJECT
CODE	CLASS

Charge Monograph of Manihot  
Name of AccountApproved \_\_\_\_\_  
Department Head

Vendor No. \_\_\_\_\_

Inv. No.  
or Date

UNIVERSITY OF COLORADO  
Finance Office

## EXPENSE VOUCHER

Date .....

Payee Joan CaldwellAddress 415 Drake StreetBoulder, Colorado <sup>Street</sup> 80303  
City State ZIP Code

Do not use this form for payment of personal services. This may be used for payment of honoraria for individuals not employed by the University.

AVOID RUSH CHECKS

## Detailed description of Charges

Outside, contracted, typing of manuscript for Monograph of  
Manihot 28 hours, at \$1.50 per hour

Dollars

Cents

42 00

DEPARTMENT	
NUMBER	SUB
1708	55

BUDGET CODE	OBJECT CLASS

42 00

Charge Monograph of Manihot  
Name of AccountApproved .....  
Department HeadVendor No. .... Inv. No.  
or Date .....UNIVERSITY OF COLORADO  
Finance Office

## EXPENSE VOUCHER

Date .....

Payee Richard RogersAddress 1554 Chambers Drive, Boulder, ColoBoulder <sup>Street</sup> Colo 80302  
City State ZIP Code

Do not use this form for payment of personal services. This may be used for payment of honoraria for individuals not employed by the University.

AVOID RUSH CHECKS

## Detailed description of Charges

Outside contracted fixing annotation labels on  
Manihot specimens Monograph of Manihot  
at \$2.00 per hour, 48 hours

Dollars

Cents

96 00

DEPARTMENT	
NUMBER	SUB
1708	55

BUDGET CODE	OBJECT CLASS

96 00

Charge Monograph of Manihot  
Name of AccountApproved .....  
Department HeadVendor No. .... Inv. No.  
or Date .....



INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

- PURCHASING OPERATIONS     FOOD     LAUNDRY     OTHER EXPLAIN  
 LINEN     BOOK STORE     PHYSICAL PLANT     ALCOHOL  
 PHARMACY     PRINTING SERVICES     MOTOR POOL    ACCT. NO. OF DEPT. RENDERING SERVICES

*photo Dept*

IN105915

DEPARTMENT		BUD. CODE	OBJECT CLASS
NUMBER	SUB.		
3091	17	0	045

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
1	slides for Shadon symposium	5	50	2 50
	Service charge -			2 50
<i>Needed by Mon 15-Feb 71 - P.M.</i>				

DELIVER TO			
ADDRESS		TOTAL	5 00

REQUESTED BY	EXTENSION	DATE	CHARGE ACCOUNT			
APPAN	6712		1500			
APPROVED BY		DATE	DEPARTMENT		BUD. CODE	OBJECT CLASS
ROGERS		2-15-71	NUMBER	SUB.		
RECEIVED BY			1708	55	5	572

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

GENERAL STORES  FOOD  LAUNDRY  OTHER (EXPLAIN): COMPUTER SERVICES

LINEN  BOOK STORE  PHYSICAL PLANT  ALCOHOL

PHARMACY  PRINTING SERVICES  MOTOR POOL ACCT. NO. OF DEPT. RENDERING SERVICES

C 13947

DEPARTMENT		BUD. CODE	OBJECT CLASS
NUMBER	SUB.		
3350	15	0	040

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
	CDC 6400 CHARGES - FOR 35 JOBS			\$ 411.86
	IBM 1401 CHARGES			\$ 0.00
	KEYPUNCH SERVICES			\$ 0.00
	MISCELLANEOUS COMPUTING CENTER SERVICES			\$ 0.00
	0513			

DELIVER TO			
ADDRESS		TOTAL	\$ 411.86

REQUESTED BY	DATE	CHARGE ACCOUNT		
ROGERS, DAVID	2/71	BIOLOGY		
APPROVED BY		DEPARTMENT		BUD. CODE
		NUMBER	SUB.	OBJECT CLASS
RECEIVED BY		1708	55	5 539



INTERDEPARTMENTAL ORDER AND INVOICE

UNIVERSITY OF COLORADO

PURCHASING OPERATIONS

FOOD

LAUNDRY

OTHER (EXPLAIN) *Mail*

LINEN

BOOK STORE

PHYSICAL PLANT

ALCOHOL

PHARMACY

PRINTING SERVICES

MOTOR FUEL

ACCT. NO. OF DEPT. RENDERING SERVICES

DEPARTMENT		IN 10497	
NUMBER	SUB.	BUD. CODE	OBJECT CLASS
4018	17	0	045

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
① 1	Registered, air mail pkg.			2 85
②				
③				
④				
⑤				
⑥				
⑦				
⑧				
⑨				

909

DELIVER TO		TOTAL	285
ADDRESS			

REQUESTED BY	EXTENSION	DATE	CHARGE ACCOUNT
		2-19-71	Indimetrics
APPROVED BY			DEPARTMENT
			NUMBER SUB. BUD. CODE OBJECT CLASS
RECEIVED BY			1708 55 5 511

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

GENERAL STORES  FOOD  LAUNDRY  OTHER (EXPLAIN) COMPUTER SERVICES

LINEN  BOOK STORE  PHYSICAL PLANT  ALCOHOL

PHARMACY  PRINTING SERVICES  MOTOR POOL ACCT. NO. OF DEPT. RENDERING SERVICES

C 17336

DEPARTMENT		BUD. CODE	OBJECT CLASS
NUMBER	SUB.		
3350	15	0	040

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
	CDC 6400 CHARGES - FOR 2 JOBS			\$ 2.13
	IBM 1401 CHARGES			\$ 0.00
	KEYPUNCH SERVICES			\$ 0.00
	MISCELLANEOUS COMPUTING CENTER SERVICES			\$ 0.00
	0513			

DELIVER TO			
ADDRESS		TOTAL	\$ 2.13

REQUESTED BY	DATE	CHARGE ACCOUNT		
ROGERS, DAVID	1/71	BIOLOGY		
APPROVED BY		DEPARTMENT		BUD. CODE
		NUMBER	SUB.	OBJECT CLASS
RECEIVED BY		1708	55	5 539



INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

- PURCHASING OPERATIONS     FOOD     LAUNDRY     OTHER (EXPLAIN) *mail*  
 LINEN     BOOK STORE     PHYSICAL PLANT     ALCOHOL  
 PHARMACY     PRINTING SERVICES     MOTOR POOL    ACCT. NO. OF DEPT. RENDERING SERVICES

DEPARTMENT			IN	10353
NUMBER	SUB.	BUD. CODE	OBJECT CLASS	
4018	15	0	0410	

QUANTITY	DESCRIPTION		UNITS ISSUED	UNIT PRICE	AMOUNT
① 1	<i>sur</i>	<i>Reg</i>			488
② 1	<i>11</i>	<i>11</i>			120
③					
④					
⑤					
⑥					
⑦					
⑧					
⑨					

*909*

DELIVER TO \_\_\_\_\_ ADDRESS \_\_\_\_\_ TOTAL *608*

REQUESTED BY \_\_\_\_\_ EXTENSION \_\_\_\_\_ DATE *2-7-71* CHARGE ACCOUNT *Monograph of Menholt*  
 APPROVED BY \_\_\_\_\_ DEPARTMENT NUMBER *1728* SUB. *55* BUD. CODE *5* OBJECT CLASS *511*  
 RECEIVED BY \_\_\_\_\_

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

GENERAL STORES  FOOD  LAUNDRY  OTHER (EXPLAIN) COMPUTER SERVICES

LINEN  BOOK STORE  PHYSICAL PLANT  ALCOHOL

PHARMACY  PRINTING SERVICES  MOTOR POOL ACCT. NO. OF DEPT. RENDERING SERVICES

C 16089

DEPARTMENT			
NUMBER	SUB.	BUD. CODE	OBJECT CLASS
3350	15	0	040

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
	CDC 6400 CHARGES - FOR 1 JOBS			\$ .88
	IBM 1401 CHARGES			\$ 0.00
	KEYPUNCH SERVICES			\$ 0.00
	MISCELLANEOUS COMPUTING CENTER SERVICES			\$ 0.00
	0513			

DELIVER TO			
ADDRESS		TOTAL	\$ .88

REQUESTED BY	DATE	CHARGE ACCOUNT		
ROGERS, DAVID	12/71	BIOLOGY		
APPROVED BY		DEPARTMENT		BUD. CODE
		NUMBER	SUB.	OBJECT CLASS
RECEIVED BY		1708	55	5 539

NAME OF ACCOUNT \* **Manograph of Manihot**  
 Elizabeth Owens  
 ATTN \* **112 Hale**  
 ROOM & BLDG \*  
 CAMPUS \*  
 CITY \*

DEPT. **biology** ACCT. NO. **1708** SUB **55** CODE **5** CLASS **572** P. R. NO. **24155** DATE TYPED **7-27**  
 REQUESTED BY **Dr. David Rogers** PHONE EXT. **6712**

VENDOR **Look Photo**

**PURCHASE ORDER**

UNIVERSITY OF COLORADO  
 ACCEPTANCE  OFFER

BILL TO **UNIVERSITY OF COLORADO**  
 DEPT. PURCHASING SERVICES  
 REGENT 122  
 BOULDER, COLORADO 80302  
 INVOICE IN DUPLICATE

ORDER NO. **54692**  
 COMM. CODE

DATE PLACED **June 23, 1971**  
 VENDOR **Look Photo Service**  
 • **1303 Broadway**  
 • **P.O.Box 111**  
 • **Boulder, Colo 80302**  
 ATTN: **Susan Walker**  
 PHONE:

SHIP TO **UNIVERSITY OF COLORADO**  
 P. O. NO. **54692**  
 MARK FOR **Dr. David Rogers**  
 ROOM NO. **Armory 101**  
 BLDG. **BOULDER, COLORADO 80302**

BUYER CODE

PHONE ORDER TO **Susan Walker**  
 QUOTATION NO.  
 POB NO.  
 CASH TERMS **net 30 days**

DATE: **6-23**

F. O. B. POINT  TITLE PASSES ON RECEIPT OF MERCHANDISE OR ACCEPTABLE INSTALLATION AT CAMPUS DESTINATION  
 **your organization**  
 VENDOR, AND INCLUDE IN UNIT COST OF MOSE.  
 FREIGHT PAYABLE BY  UNIVERSITY: PLEASE PREPAY AND ADD TO INVOICE  
 OTHER  
 COMPLETE DELIVERY AND/OR INSTALLATION REQUIRED TO BE BEFORE VIA **your services**

ITEM	QUANTITY	UNIT	DESCRIPTION	DELIVERY DATE	UNIT PRICE	AMOUNT
	<b>1</b>	<b>only</b>	<b>Photo services for Manihot Manuscript</b>		<b>\$225.00</b>	<b>total</b>
<p>Your Invoice #3529 already received.</p> <p>CONFIRMATION ONLY DO NOT DUPLICATE</p>						

*[Handwritten signature]*

**Mrs. J. Brock**  
**Mr. Don Schwartz P/A** ks

THIS ORDER PLACED AS PER PURCHASE REQUEST. PLEASE EXAMINE AT ONCE AND IF NOT CORRECT NOTIFY THE BUYER AT PURCHASING DEPARTMENT IMMEDIATELY.  
 TEL. 433-2211, EXT. 6264

Please forward this copy to the person responsible for the account or project.







Ellen MOHR

2939 Marine #106

Boulder, Colorado

37 hours

2.00

74.00

as of

6-12-71

UNIVERSITY OF COLORADO  
Finance Office

## EXPENSE VOUCHER

Date June 14, 1971

Payee Ellen Jane Mohr

Do not use this form for payment of personal services. This may be used for payment of honoraria for individuals not employed by the University.

Address 2939 Marine, #106

Boulder, Colo. 80302  
City State ZIP Code

AVOID RUSH CHECKS

## Detailed description of Charges

Outside, contracted, typing of manuscript for Monograph of Manihot  
37 hours, at \$2.00 per hour

Dollars Cents

74 00

Charge Monograph of Manihot  
Name of Account

DEPARTMENT	
NUMBER	SUB
1708	55

BUDGET CODE	OBJECT CLASS

74 00

Approved \_\_\_\_\_  
Department HeadVendor No. \_\_\_\_\_  
Inv. No. or DateUNIVERSITY OF COLORADO  
Finance Office

## EXPENSE VOUCHER

Date May 12, 1971

Payee Robert C. Brill

Do not use this form for payment of personal services. This may be used for payment of honoraria for individuals not employed by the University.

Address 1304 8th St.

Boulder Colorado 80302  
City State ZIP Code

AVOID RUSH CHECKS

## Detailed description of Charges

Contract programming for research in Manihot

Dollars Cents

250 00

*copy*Charge Monograph of Manihot  
Name of Account

DEPARTMENT	
NUMBER	SUB
1708	55

BUDGET CODE	OBJECT CLASS

250 00

Approved \_\_\_\_\_  
Department HeadVendor No. \_\_\_\_\_  
Inv. No. or Date

UNIVERSITY OF COLORADO  
Finance Office

## EXPENSE VOUCHER

Date Mar. 24, 1971Payee Robert C. Brill

Do not use this form for payment of personal services. This may be used for payment of honoraria for individuals not employed by the University.

Address 1304 8th St.  
Street  
Boulder Colorado 80302  
City State ZIP Code

AVOID RUSH CHECKS

Detailed description of Charges

Contract programming for research in Manihot

Dollars

Cents

250

00

*Copy*Charge Mongraph of Manihot  
Name of Account

DEPARTMENT	
NUMBER	SUB
1708	55

BUDGET	OBJECT
CODE	CLASS

250

00

Approved \_\_\_\_\_  
Department HeadVendor No. \_\_\_\_\_  
Inv. No. \_\_\_\_\_  
or Date \_\_\_\_\_UNIVERSITY OF COLORADO  
Finance Office

## EXPENSE VOUCHER

Date Feb. 5, 1971Payee Robert C. Brill

Do not use this form for payment of personal services. This may be used for payment of honoraria for individuals not employed by the University.

Address 1304 8th Street  
Street  
Boulder Colorado 80302  
City State ZIP Code

AVOID RUSH CHECKS

Detailed description of Charges

Contract programming for research in Manihot.

Dollars

Cents

250

00

*Copy*Charge Mongraph of Manihot  
Name of Account

DEPARTMENT	
NUMBER	SUB
1708	55

BUDGET	OBJECT
CODE	CLASS

250

00

Approved \_\_\_\_\_  
Department HeadVendor No. \_\_\_\_\_  
Inv. No. \_\_\_\_\_  
or Date \_\_\_\_\_

UNIVERSITY OF COLORADO  
Finance Office

EXPENSE VOUCHER

Date

1/14/77

Payee

Brill

Address

Street

City

State

ZIP Code

Do not use this form for payment of personal services. This may be used for payment of honoraria for individuals not employed by the University.

AVOID RUSH CHECKS

## Detailed description of Charges

Contract Programming

Sent to ORS 1/14/77

Dollars

Cents

250 00

Charge

Name of Account

DEPARTMENT	
NUMBER	SUB
1708	55

BUDGET CODE	OBJECT CLASS

Approved

Department Head

Vendor No.

Inv. No.

or Date

Howard Roark, ORS

D.J. Rogers

Expenditures on my new NSF grant  
to July 1, 1971

(account # 1708-55)

December 10, 1970

On my new account, for NSF grant GB 25244, I will expend all but \$1,000.00 of the total direct costs by July 1, 1971. The \$1,000.00 not expended will be from that portion of the grant entitled "computer costs", which has a total allotment of \$2,100.

MEMO TO: Project Directors

March 4, 1970

FROM: Ralph Stilson, Research Accountant  
Office Research Services  
Administrative Annex 380

SUBJECT: Signature Authorization Forms

You have recently been assigned University Account No. 1708-55.

If you intend to authorize other persons' signatures for approval of expenditures on this account please use the enclosed form.

If more forms are needed, please contact this office.

UNIVERSITY OF COLORADO

BOULDER, COLORADO 80302

GRADUATE SCHOOL  
OFFICE OF RESEARCH SERVICES

300 W. 155th St.  
990 ADMINISTRATIVE CENTER

15 October 1970

To: Project Directors - NSF, HEW Supported Research  
From: Howard D. Roark *HR*  
Subject: Indirect Costs

Research proposals and grant awards normally provide both estimated direct and indirect costs to perform the work envisioned to satisfactorily research a certain area or problem. A reasonable degree of flexibility is provided the principal investigator for conduct of the research and his budget as well.

Neither National Science Foundation nor the Public Health Service (NIH, NIMH) will permit rebudgeting of funds from the indirect cost category to direct costs without prior agency approval. If expenditures for salaries and wages are less than the amounts in the approved budget on which the indirect cost was computed, the amount of indirect cost actually allowed must be proportionately reduced. If, however, it appears advisable to substantially increase salaries and wage expenditures above the budget amount, a rebudgeting request must include both the direct and indirect costs involved within limits of the total grant award.

A word of caution. We are currently encumbering the total amount of approved indirect cost. If, at any time during the life of the grant, you anticipate a major change in your salaries and wage base, thus changing the allowable indirect cost, prompt appropriate action is necessary and you should consult your research accountants for advice (phone 6221).

UNIVERSITY OF COLORADO

BOULDER, COLORADO 80302

GRADUATE SCHOOL  
OFFICE OF RESEARCH SERVICES  
~~2200 ARCADE BLDG.~~  
380 ADMINISTRATIVE ANNEX

October 29, 1970

MEMORANDUM

To: Project Directors, NSF Supported Programs  
From: Howard D. Roark *HDR*

Again you are reminded that the University will be subject to a limitation on NSF grant expenditures in Fiscal Year 1971 (July 1, 1970 to June 30, 1971).

This year the expenditure ceiling will include research, institutes, equipment, and construction projects. Since the expenditure limitation for the Foundation as a whole has not yet been determined, a firm ceiling amount for the University has not been established as of this date. In the meantime, we must prepare for the point in time when a ceiling amount will be negotiated.


Last year (FY 1970) expenditures under the NSF ceiling came within 4% of the allowable. We would like to employ the same method used last year in arriving at realistic minimum expenditures under each grant involved. We ask that you provide totals only for salaries, equipment, supplies, travel, computer rental, other direct costs, and overhead to be expended during the period July 1, 1970 to June 30, 1971. Budgets for instructional equipment grants should include matching funds expenditures as well. In the event current grants are to expire before June 30, 1971, please tell us if you expect a renewal grant to follow.

Your cooperation will be appreciated, and an early response from everyone will be very helpful in determining individual account authorizations. Ralph Stilson and I will be available to assist you.

cc: Vice President Manning  
Dean Crowe  
Mr. Bartram  
Mr. Baier  
Mr. Hathaway  
Mr. Stilson

MEMORANDUM

TO: All Project Directors

FROM: Ralph Stilson  
Research Accountant 

SUBJECT: Travel Per Diem

DATE: July 1, 1970

For your convenience in calculating travel per diem, we are providing you with the following schedules:

SCHEDULE I

<u>DEPARTURE TIME (from Boulder, Colorado)</u>	<u>PER DIEM CLAIM</u>
12 midnight to 6 a.m.	1 full day
6 a.m. to 12 noon	3/4 day
12 p.m. to 6 p.m.	1/2 day
6 p.m. to 12 midnight	1/4 day

SCHEDULE II

<u>ARRIVAL TIME (in Boulder, Colorado)</u>	<u>PER DIEM CLAIM</u>
12 midnight to 6 a.m.	1/4 day
6 a.m. to 12 noon	1/2 day
12 p.m. to 6 p.m.	3/4 day
6 p.m. to 12 midnight	1 full day

When submitting the Travel Expense Voucher, please indicate departure and arrival times. If you have any further questions, please contact me at extension 6221.

ACCOUNT TOTAL

51.07 \*\*\*

## UNIVERSITY OF COLORADO BOOKSTORES

J.V. NO. J15184

## SUMMARY OF I.N. CHARGES

DATE 6-30-71

ACCOUNT NUMBER	TRANS. DATE	STORE	I.N. NUMBER	LN NO	PURCHASE DESCRIPTION	QUAN	UNIT COST	DEPT CHARGE	PAGE
1708-55-5-510	6-09-71	BOULDER	031348	1	MISC SUPPL	1	2.00	2.00	1
1708-55-5-510	6-09-71	BOULDER	031348	2	MISC SUPPL	12	.03	.36	
				3	MISC SUPPL	1	1.25	1.25	
				4	MISC SUPPL	1	3.83	3.83	
					FREIGHT			.37	
					TOTAL I.N.			7.81	*
1708-55-5-510	6-11-71	BOULDER	040749	1	MISC SUPPL	4	.69	2.76	
					FREIGHT			.14	
					TOTAL I.N.			2.90	*
1708-55-5-510	6-27-71	BOULDER	044978	1	MISC SUPPL	2	1.56	3.12	
					FREIGHT			.16	
					TOTAL I.N.			3.28	*
					TOTAL CLASS			13.99	**
					ACCOUNT TOTAL			13.99	***

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550

NOV 27 1970

Dr. David J. Rogers  
Department of Biology  
University of Colorado  
Boulder, Colorado 80302

Dear Dr. Rogers:

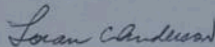
It is indeed a pleasure to inform you that your research proposal has been approved by the National Science Foundation and that a grant is made to help defray costs of your research. For your information and guidance we enclose a copy of the grant document and a copy of the approved budget.

The Foundation seeks to foster a close working relationship between its grantees and the staffs of its Programs. Thus, in the event you wish assistance at any time, we cordially invite you to direct enquires to the Program for Systematic Biology.

The booklet "Grants for Scientific Research" is enclosed. In it are described some of the policies and principles relating to administration of grants.

I give you my very best wishes for success in your research.

Sincerely yours,



Loran C. Anderson  
Associate Program Director  
Systematic Biology

Enclosures

RESEARCH GRANT  
BUDGET & FISCAL REPORT

Please read instructions on reverse side carefully before completing this form.

INSTITUTION AND ADDRESS University of Colorado Boulder, Colorado		NSF PROGRAM Systematic Biology		REPORTING PERIOD FROM _____ THRU _____	
GRANT NUMBER GB-25244		PRINCIPAL INVESTIGATOR(S) Rogers		<input type="checkbox"/> FINAL REPORT <input type="checkbox"/> INTERIM REPORT (See Instructions)	
Grantee Account Number	GRANT NUMBER	DURATION	GRANT AMOUNT		
	GB-25244	1 year	\$ 16,000		
A. SALARIES AND WAGES		NSF Funded Man Months		NSF GRANT BUDGET	GRANTEE CUMULATIVE EXPENDITURES (Do Not Round)
		Cal.	Acad.		
1. Senior Personnel					
a. <u>1</u> (Co)Principal Investigator(s)				<u>1</u>	\$ 2,035
b. _____ Faculty Associate					
Sub-Total					2,035
2. Other Personnel (Non-Faculty)					
a. <u>1</u> Research Associates—Postdoctoral		<u>6</u>			5,000
b. _____ Non-Faculty Professionals					
c. _____ Graduate Students					
d. _____ Pre-Baccalaureate Students					
e. <u>1</u> Secretarial—Clerical					630
f. _____ Technical, Shop, and Other					
TOTAL SALARIES AND WAGES					7,665
B. FRINGE BENEFITS When Charged as Direct Cost					190
C. TOTAL SALARIES, WAGES, AND FRINGE BENEFITS (A+B)					7,855
D. PERMANENT EQUIPMENT					
E. EXPENDABLE EQUIPMENT AND SUPPLIES					300
F. TRAVEL 1. Domestic					945
2. International					
G. PUBLICATION COSTS					425
H. COMPUTER COSTS When Charged as Direct Cost					2,100
I. OTHER COSTS (Itemize)					
Systems Programmer					1,000
J. TOTAL DIRECT COSTS (C through I)					12,625
K. INDIRECT COSTS					
<u>44%</u> of Salaries & Wages					3,373
L. TOTAL COSTS (J plus K)					15,998
M. TOTAL BUDGET ROUNDED—AMOUNT OF AWARD					16,000
N. UNEXPENDED BALANCE (M, budget minus L, expenditures)					
O. COST SHARING—GRANTEE PARTICIPATION					\$ N/A
REMARKS: Use extra sheet if necessary					\$ N/A
I CERTIFY THAT ALL EXPENDITURES REPORTED ARE FOR APPROPRIATE PURPOSES AND IN ACCORDANCE WITH THE AGREEMENTS SET FORTH IN THE APPLICATION AND AWARD DOCUMENTS					
SIGNATURE OF AUTHORIZED OFFICIAL		TYPED OR PRINTED NAME & TITLE		DATE	

FOR NSF USE ONLY

Org. Code	F.Y.	Fund ID	Prog. Code	Obj. Class	O/D res.	Award No.	amd.	Inst. Code	Unexpended Balance	Trans.	Lot
				41					\$		

NATIONAL SCIENCE FOUNDATION  
WASHINGTON, D.C. 20550

ENCLOSURE R-11

INDIRECT COSTS

The indirect cost rate shown in the attached budget summary is a fixed, predetermined rate, and is not subject to adjustment.

MOTOR VEHICLE

If a motor vehicle is purchased with funds granted herein: (1) the grantee will procure and title the motor vehicle in accordance with institutional policy and (2) the motor vehicle will be used only for purposes of scientific research and will not be disposed of during the life of the grant or any renewal thereof. If the vehicle is disposed of thereafter, the proceeds therefrom shall be used by the grantee only for the support of scientific research or science education.

PATENTS AND INVENTIONS

Whenever any invention, which is or may be patentable, is conceived or first actually reduced to practice in the course of this grant, the grantee shall furnish the Foundation with complete information thereon; and the Foundation shall have the right to determine whether or not and where a patent application shall be filed, and to determine the disposition of the invention and title to and rights under any application or patent that may result. The Foundation, in making such a determination, shall take into account the public interest and the equities of the grantee. In any case, the Foundation may arrange to have the invention described in a printed publication. The grantee, for itself and for its employees, agrees that the inventor or inventors will execute all documents and do all things necessary or proper to carry out the determination of the Foundation.

GRANT FUNDING

Funds to carry out the purpose of this grant may be obtained in accordance with the procedures in "Grant Accounting Instruction Manual for Grantee Institutions" (NSF 66-13: Rev. 2/66). Funds which are uncommitted and/or unexpended upon completion of the project must be credited to the grant and should be reported to the Foundation in order that the grant account may be closed.

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D. C. 20550

NOV 27 1970

Dr. Thurston E. Manning, Vice-President  
for Academic Affairs  
University of Colorado  
Boulder, Colorado 80302

GR-25244

Dear Dr. Manning:

It is a pleasure to inform you that \$16,000 is granted to the University of Colorado for research entitled "Monograph of Manihot Employing Computer-Aided Taximetric Methods." This project is under the direction of David J. Rogers, Department of Biology. The grant is effective December 1, 1970 for a period of approximately one year.

This grant is made subject to the attached budget summary and the applicable terms and conditions described in "Grants for Scientific Research" (NSF 69-23) (less Appendix IV), and Enclosure R-11. Upon acceptance of this award, the grantee assumes the cost sharing responsibilities outlined in the Foundation's Important Notice No. 31, subject: "Cost Sharing on Research Projects."

Sincerely yours,

Wilbur W. Bolton, Jr.  
Grants Officer

Enclosures

PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR COPY

PROJECT  
SUMMARYNSF GRANT NO.  
GB-25244

NAME OF INSTITUTION (NSF DIRECTORY NAME)		ADDRESS OF INSTITUTION (INCLUDE BRANCH/CAMPUS & COMPONENT)	
University of Colorado		Boulder, Colorado 80302	
PRINCIPAL INVESTIGATOR	SOCIAL SECURITY NO.	DIVISION (OFFICE) AND DIRECTORATE	
ROGERS, David J.		Biological and Medical Sciences	
		SECTION	
		Ecology and Systematic Biology	
PROPOSAL NUMBER		PROGRAM	
B025244		Systematic Biology	
TITLE OF PROJECT			
Monograph of <i>Manihot</i> Employing Computer-Aided Taxinetric Methods			
SUMMARY OF PROPOSED WORK (LIMIT TO 22 PICA OR 18 ELITE TYPEWRITTEN LINES)			
<p>This research will complete a monograph of <i>Manihot</i> (Euphorbiaceae), a genus of considerable taxonomic complexity and economic importance. Many species of the genus have been described since the last monograph, by P. Pax in the <i>Pflanzenreich</i> (1910), and no integration of the species has been attempted using present-day concepts. There are over 150 accepted species but these are very poorly defined and do not represent biological reality.</p>			

FY 71

DURATION GRANTED	AMOUNT GRANTED
1 yr.	\$16,000

A copy of this summary has been sent to the Science Information Exchange at the Smithsonian Institution for reference and public records.

Account 1705-63

	d	cr
Chap overhead		4,447.20
	<u>3375.0</u>	
Allowed overhead	3375.00	
over charge	1072.20	
outstanding payable		529.25
over draft		2108.34
And due <sup>from</sup> ga	1,566.25	
	6013.25	\$7,084.79

TO Ralph Stilson, Accountant  
FROM Thomas A. Stewart, C/G Administrator  
SUBJECT Salary - Henry Fleming  
  
DATE 30 July 1970

UNIVERSITY OF COLORADO

*Interdepartmental  
Memorandum*

Since NSF Grant #GB-25244 cannot continue to carry the burden of Henry Fleming's full time salary to the end of the grant period (November 30, 1971) without going into overdraft, the Principal Investigator, Dr. David Rogers has requested that Fleming's salary be supported from funds made available to his project by the Florida State University at Tallahassee.

Please use this memorandum as authority to transfer (effective July 1, 1971) Fleming's salary expense and allocable PERA benefits to account 0621-15 (ORS Clearing) where Florida State University's project support funds will be received to off set the above requested transfers.

cc: David Rogers

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

- PURCHASING OPERATIONS     FOOD     LAUNDRY     OTHER (EXPLAIN) \_\_\_\_\_  
 LINEN     BOOK STORE     PHYSICAL PLANT     ALCOHOL  
 PHARMACY     PRINTING SERVICES     MOTOR POOL    ACCT. NO. OF DEPT. RENDERING SERVICES

DEPARTMENT		99 IN	44978
NUMBER	SUB.	BUD. CODE	OBJECT CLASS
4801	15	5	568

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
① 2	BOXES MANILLA FILE FOLDERS WDC 300	2		
②				
③				
④				
⑤				
⑥				
⑦				
⑧				
⑨				

DELIVER TO			
ADDRESS		TOTAL	

REQUESTED BY S. G. Appan	EXTENSION 6712	DATE 6-23-71	CHARGE ACCOUNT
APPROVED BY Rogers DJ			DEPARTMENT
RECEIVED BY 			NUMBER
			SUB.
			BUD. CODE
			OBJECT CLASS
			1708
			55
			5
			510

UNIVERSITY OF COLORADO  
BOULDER, COLORADO 80302

FINANCE OFFICE  
BOULDER DIVISION  
REGENT 102

October 25, 1971

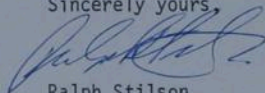
Mr. David Rogers  
Food Research Institute  
Stanford University  
Stanford, California 94305

Dear David:

I received the check for \$260.21 and will credit it to your account No. 1708-55 under travel.

I am enclosing a copy of your account No. 7905-93. As you can see all the funds have been expended. I would appreciate your contacting me as soon as possible concerning your overdraft in account No. 1708-55.

Sincerely yours,



Ralph Stilson  
Research Accountant

RS:ab

Enclosure

POSTDOCTORAL FLSHP SC  
 APPAN 8/71  
 TO DAVID J ROGERS

7905 93  
 PT. SUB.

UNIVERSITY OF COLORADO  
 FINANCE OFFICE  
 STATEMENT OF ACCOUNT

JUN 71  
 STATEMENT DATE

	DATE OF ENTRY			REFERENCE NO.	BUDGET CODE	OBJ. CLASS	RECEIPTS OR ALLOCATIONS	DISBURSEMENTS	ENCUMBRANCES AND COMMITMENTS	BALANCE * ( OVERDRAFT - )
	MO.	DAY	YE.							
BALANCE FORWARD	7	01	70							608.39-
TOTAL FORWARD	5	31	71				13,964.00			
							13,964.00 *		*	13,355.61 *
TOTAL FORWARD	5	31	71		2			5,562.72		
							*	5,562.72 *	*	5,562.72-
TOTAL FORWARD	5	31	71		3			4,005.00		
							*	4,005.00 *	*	4,005.00-
TOTAL FORWARD	5	31	71		4			73.80		
STUDENT WORK STUDY PROG	06	30	71	J15183	4	410				
STUDENT WORK STUDY PROG	06	30	71	J16086	4	410				
							*	73.80 *	*	73.80-
TOTAL FORWARD	5	31	71		5			4,046.52		
TO 1708-55	06	16	71	J15001	5	510		184.15-		
TO 1708-55	06	16	71	J15001	5	539		596.83-		
TO 1708-55	06	16	71	J15001	5	569		59.65-		
							*	3,205.89 *	*	3,205.89-
TOTAL FORWARD	5	31	71		7			508.20		
							*	508.20 *	*	508.20-
							13,964.00 **	13,355.61 **	**	— 0 — *

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

- PURCHASING OPERATIONS     FOOD     LAUNDRY     OTHER (EXPLAIN) \_\_\_\_\_  
 LINEN     BOOK STORE     PHYSICAL PLANT     ALCOHOL  
 PHARMACY     PRINTING SERVICES     MOTOR POOL    ACCT. NO. OF DEPT. RENDERING SERVICES

DEPARTMENT		IN 31874	
NUMBER	SUB.	BUD. CODE	OBJECT CLASS
<del>1704</del> 4018	55	0	043
	UNITS (5/30/10)	UNIT PRICE	AMOUNT

QUANTITY	DESCRIPTION	UNITS (5/30/10)	UNIT PRICE	AMOUNT
①	Package of Living Plant Material			4 11
②				
③				
④				
⑤				
⑥				
⑦				
⑧				
⑨				

919

DELIVER TO			
ADDRESS		TOTAL	9 11

REQUESTED BY	EXTENSION	DATE	CHARGE ACCOUNT
<i>[Signature]</i>	6712	7/12/7	Monograph of Munjhot
APPROVED BY			DEPARTMENT
<i>[Signature]</i>			NUMBER    SUB.    BUD. CODE    OBJECT CLASS
RECEIVED BY			1708    55    5    511

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

PURCHASING OPERATIONS     FOOD     LAUNDRY     OTHER (EXPLAIN) \_\_\_\_\_  
 LINEN     BOOK STORE     PHYSICAL PLANT     ALCOHOL  
 PHARMACY     PRINTING SERVICES     MOTOR POOL    ACCT. NO. OF DEPT. RENDERING SERVICES

DEPARTMENT			IN	31579
NUMBER	SUB.	BUD. CODE	OBJECT CLASS	
1227	15	0	040	

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
①	Meter charges 6/1 - 7/7/71		3 <sup>25</sup>	1 88
②	labor only			
③				
④				
⑤				
⑥				
⑦				
⑧				
⑨	Job # 8918			

DELIVER TO \_\_\_\_\_

ADDRESS \_\_\_\_\_

TOTAL 1 88

REQUESTED BY _____	EXTENSION _____	DATE _____	CHARGE ACCOUNT <i>Manicure of Manichot NSF</i>	
APPROVED BY _____			DEPARTMENT	BUD. CODE
RECEIVED BY _____			NUMBER	OBJECT CLASS
			1708	55 5 511

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

- PURCHASING OPERATIONS     FOOD     LAUNDRY     OTHER (EXPLAIN) \_\_\_\_\_  
 LINEN     BOOK STORE     PHYSICAL PLANT     ALCOHOL  
 PHARMACY     PRINTING SERVICES     MOTOR POOL    ACCT. NO. OF DEPT. RENDERING SERVICES

*Mail*

IN 33298

DEPARTMENT		BUD. CODE	OBJECT CLASS
NUMBER	SUB.		
4018	150		043

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
① 2			475	750
② 1	4 cartons			470
③ 1	Mail 4 <sup>th</sup> class			530
④	Insure each box for \$ 50.00.			
⑤				
⑥	Mailing manuscript to Payson.			
⑦				
⑧				
⑨				

DELIVER TO			
ADDRESS		TOTAL	1970

REQUESTED BY <i>Appan</i>	EXTENSION 6712	DATE 24 June 71	CHARGE ACCOUNT Manuscript Monograph
APPROVED BY <i>Rogers D.</i>			DEPARTMENT
RECEIVED BY <i>H. Appan</i>		5-04	NUMBER SUB. BUD. CODE OBJECT CLASS
			1708 55 5 511

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

GENERAL STORES  FOOD  LAUNDRY  OTHER (EXPLAIN): COMPUTER SERVICES

C 16778

LINEN  BOOK STORE  PHYSICAL PLANT  ALCOHOL  
 PHARMACY  PRINTING SERVICES  MOTOR POOL

ACCT. NO. OF DEPT. RENDERING SERVICES

DEPARTMENT			
NUMBER	SUB.	BUD. CODE	OBJECT CLASS
3350	15	0	040

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
	CDC 6400 CHARGES - FOR 2 JOBS			\$ 13.31
	IBM 1401 CHARGES			\$ 0.00
	KEYPUNCH SERVICES			\$ 0.00
	MISCELLANEOUS COMPUTING CENTER SERVICES			\$ 0.00
	0513			

DELIVER TO			
ADDRESS		TOTAL	\$ 13.31

REQUESTED BY	DATE	CHARGE ACCOUNT		
ROGERS, DAVID	7/71	BIOLOGY		
APPROVED BY		DEPARTMENT		BUD. CODE
		NUMBER	SUB.	OBJECT CLASS
RECEIVED BY		1708	55	5 539

INTERDEPARTMENTAL ORDER AND INVOICE

UNIVERSITY OF COLORADO

PURCHASING OPERATIONS

FOOD

LAUNDRY

OTHER, EXPLAIN: *Photo*

LINEN

BOOK STORE

PHYSICAL PLANT

ALCOHOL

PHARMACY

PRINTING SERVICES

MOTOR POOL

ACCT NO OF DEPT. RENDERING SERVICES

DEPARTMENT			IN106297	
NUMBER	SUB.	BUD. CODE	OBJECT CLASS	
<del>3001</del>	17	0	045	

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
	<i>neg. work from Ridgway</i>	<i>2951</i>		<i>20.00</i>
	<i>Skyline prints</i>			

DELIVER TO				
ADDRESS		TOTAL	<i>20.00</i>	

REQUESTED BY <i>J. S. Apper</i>	EXTENSION	DATE <i>6-22-71</i>	CHARGE ACCOUNT			
APPROVED BY <i>J. S. Apper</i>			DEPARTMENT		BUD. CODE	OBJECT CLASS
			NUMBER	SUB.		
RECEIVED BY <i>J. S. Apper</i>			<i>1708</i>	<i>55</i>	<i>5</i>	<i>572</i>

FINANCE OFFICE, URMH 14

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

GENERAL STORES  FOOD  LAUNDRY  OTHER (EXPLAIN) **COMPUTER SERVICES**

LINEN  BOOK STORE  PHYSICAL PLANT  ALCOHOL

PHARMACY  PRINTING SERVICES  MOTOR POOL ACCT. NO. OF DEPT. RENDERING SERVICES

C 15396

DEPARTMENT		BUD. CODE	OBJECT CLASS
NUMBER	SUB.		
3350	15	0	040

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
	CDC 6400 CHARGES - FOR 2 JOBS			\$ 37.26
	IBM 1401 CHARGES			\$ 0.00
	KEYPUNCH SERVICES			\$ 0.00
	MISCELLANEOUS COMPUTING CENTER SERVICES			\$ 0.00
	0513			

DELIVER TO			
ADDRESS		TOTAL	\$ 37.26

REQUESTED BY	DATE	CHARGE ACCOUNT			
ROGERS, DAVID	5/71	BIOLOGY			
APPROVED BY		DEPARTMENT		BUD. CODE	OBJECT CLASS
		NUMBER	SUB.		
RECEIVED BY		1708	55	5	539

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

GENERAL STORES  FOOD  LAUNDRY  OTHER (EXPLAIN) COMPUTER SERVICES

LINEN  BOOK STORE  PHYSICAL PLANT  ALCOHOL

PHARMACY  PRINTING SERVICES  MOTOR POOL ACCT. NO. OF DEPT. RENDERING SERVICES

C 16385

DEPARTMENT			
NUMBER	SUB	BUD. CODE	OBJECT CLASS
3350	15	0	040

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
	CDC 6400 CHARGES - FOR 1 JOBS			\$ 26.43
	IBM 1401 CHARGES			\$ 0.00
	KEYPUNCH SERVICES			\$ 0.00
	MISCELLANEOUS COMPUTING CENTER SERVICES			\$ 0.00
	0513			

DELIVER TO			
ADDRESS		TOTAL	\$ 26.43

REQUESTED BY	DATE	CHARGE ACCOUNT		
ROGERS, DAVID	6/71	BIOLOGY		
APPROVED BY		DEPARTMENT		BUD. CODE
		NUMBER	SUB	OBJECT CLASS
RECEIVED BY		1708	55	5 539

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

*Phot*

- PURCHASING OPERATIONS     FOOD     LAUNDRY     OTHER (EXPLAIN)  
 LINEN     BOOK STORE     PHYSICAL PLANT     ALCOHOL  
 PHARMACY     PRINTING SERVICES     MOTOR POOL    ACCT. NO. OF DEPT. RENDERING SERVICES

IN106305

DEPARTMENT		BUD. CODE	OBJECT CLASS
NUMBER	SUB.		
3091	17	0	045

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
6	4x5 glossy	35		190
	Test photos of Manit			

DELIVER TO		
ADDRESS	TOTAL	190

REQUESTED BY <i>S. S. Appan</i>	EXTENSION	DATE	CHARGE ACCOUNT <i>Ecology</i>	DEPARTMENT NUMBER	SUB.	BUD. CODE	OBJECT CLASS
APPROVED BY				1708	55	5	572
RECEIVED BY <i>J. Appan</i>							





INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

- PURCHASING OPERATIONS     FOOD     LAUNDRY     OTHER (EXPLAIN) \_\_\_\_\_  
 LINEN     BOOK STORE     PHYSICAL PLANT     ALCOHOL  
 PHARMACY     PRINTING SERVICES     MOTOR POOL    ACCT. NO. OF DEPT. RENDERING SERVICES

DEPARTMENT		64 IN	40749
NUMBER	SUB.	BUD. CODE	OBJECT CLASS
4801	15	5	568

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
① 4	tape	CV 1.25	4	
②				
③				
④				
⑤				
⑥				
⑦				
⑧				
⑨				

DELIVER TO			
ADDRESS		TOTAL	

REQUESTED BY	EXTENSION	DATE	CHARGE ACCOUNT			
	6712	6/10/71				
APPROVED BY			DEPARTMENT		BUD. CODE	OBJECT CLASS
			NUMBER	SUB.		
RECEIVED BY			1708	55	5	510
Rick Rogers						

NAME OF ACCOUNT \* **Monograph of Manihot**  
 ATTN \* **E. Owen**  
 ROOM & BLDG \* **112 Hale**  
 CAMPUS \*  
 CITY \*

DEPT.	ACCT. NO.	SUB	CODE	CLASS	P. R. NO.	DATE T.Y.
<b>Biol.</b>	<b>1708</b>	<b>55</b>	<b>5</b>	<b>510</b>	<b>5492</b>	<b>7/21</b>
REQUESTED BY <b>David Rogers</b>					PHONE	EXT. <b>6712</b>

**Hoerner-Waldorf**

**PURCHASE ORDER**

UNIVERSITY OF COLORADO

ACCEPTANCE  OFFER   
 DATE PLACED **July 16, 1971**

VENDOR **Hoerner-Waldorf Container Div.**  
**6275 East 39th Ave.**  
**Denver, Colorado**

ATTN: **Gary Klontz-Bill Trebe**  
 PHONE: **399-0494**

BILL TO  
 UNIVERSITY OF COLORADO  
 DEPT. PURCHASING SERVICES  
 REGENT 122  
 BOULDER, COLORADO 80302

SHIP TO  
 UNIVERSITY OF COLORADO  
 P. O. NO. **56566**  
 MARK FOR **David Rogers**  
 ROOM NO. **1511 University Ave.**  
 BOULDER, COLORADO 80302

ORDER NO.  
**56566**  
 COMM. CODE

BUYER CODE

PHONE ORDER TO  
 QUOTATION NO.  
 POB NO.  
 CASH TERMS

**Mr. Trebe**      DATE: **7/16/71**

**1 1/2 10 days net 30 days**

F. O. B. POINT  TITLE PASSES ON RECEIPT OF MERCHANDISE OR ACCEPTABLE INSTALLATION AT CAMPUS DESTINATION

FREIGHT PAYABLE BY  VENDOR, AND INCLUDE IN UNIT COST OF MOSE.  
 UNIVERSITY: PLEASE PREPAY AND ADD TO INVOICE  
 OTHER

COMPLETE DELIVERY AND/OR INSTALLATION IS REQUIRED ON OR BEFORE: **7/22/71** VIA: **Your routing**

ITEM	QUANTITY	UNIT	DESCRIPTION	DELIVERY DATE	UNIT PRICE	AMOUNT
	<b>1500</b>	<b>only</b>	<b>Flat, double faced corrugated cardboard, cut to dimensions of 12inches by 17 1/2 inches C-flute 200 lb. stock</b>		<b>42.40/1000</b>	<b>63.60</b>
<b>CONFIRMATION---DO NOT DUPLICATE</b>						

*Rogers Coke*

**Rogers Coke, A/PA**

**tg**

THIS ORDER PLACED AS PER PURCHASE REQUEST. PLEASE EXAMINE AT ONCE AND IF NOT CORRECT NOTIFY THE BUYER AT PURCHASING DEPARTMENT IMMEDIATELY.  
 TEL. 433-2211, EXT. 6264

Please forward this copy to the person responsible for the account or project.

NAME OF ACCOUNT \* Monograph of Manihot  
 Elizabeth Owens  
 ATT'N \* 112 MXXX Hale  
 ROOM & BLDG.  
 CAMPUS \*  
 CITY \*

DEPT	ACCT. NO.	SUB	CODE	CLASS	P. R. NO.	DATE TYPED	VENDOR
Biology	1708	55	5	584	29845	6-18-71	Boulder Travel on the Hill
REQUESTED BY						PHONE	EXT.
David Rogers						6712	

**PURCHASE ORDER**

UNIVERSITY OF COLORADO

BILL TO  
 UNIVERSITY OF COLORADO  
 DEPT. PURCHASING SERVICES  
 REGENT 122  
 BOULDER, COLORADO 80302

INVOICE IN DUPLICATE

ORDER NO.

**54886**

COMM. CODE

ACCEPTANCE  OFFER

DATE PLACED **June 4, 1971**

SHIP TO  
 UNIVERSITY OF COLORADO  
 P. O. NO. **54886**  
 MARK FOR **David J. Rogers**  
 ROOM NO. **Biology**  
 BLDG. **BOULDER, COLORADO 80302**

BUYER CODE

VENDOR **Boulder Travel on the Hill**  
**1121 Broadway**  
**Boulder, Colo. 80302**

ATTN: **Mrs. Dee Vap**  
 PHONE: **443-2700**

F. O. B. POINT TITLE PASSES ON RECEIPT OF MERCHANDISE OR ACCEPTABLE INSTALLATION AT CAMPUS DESTINATION

PHONE ORDER TO **Mrs. Vap**  
 QUOTATION NO.  
 P.O.B. NO.  
 CASH TERMS

DATE: ~~6-18-71~~  
 DATE: **6-4-71**

FREIGHT PAYABLE BY  VENDOR, AND INCLUDE IN UNIT COST OF MOSEL.  
 UNIVERSITY, PLEASE PREPAY AND ADD TO INVOICE  
 OTHER

COMPLETE DELIVERY AND/OR INSTALLATION IS REQUIRED ON OR BEFORE **June 6-1971** VIA **Your Services**

**Net 30 Days**

ITEM	QUANTITY	UNIT	DESCRIPTION	DELIVERY DATE	UNIT PRICE	AMOUNT
	1	only	Reservation for Mr. David Rogers for a Round Trip ticket coach class from Denver to San Francisco, leaving Denver on June 6, 1971 and returning on June 8, 1971			150.00
						<b>Total</b>
CONFIRMATION---DO NOT DUPLICATE						

*Donald J. Wiley*

**Mr. Don Schwartz, P/A**  
**Mr. Steve Speer** lf

THIS ORDER PLACED AS PER PURCHASE REQUEST. PLEASE EXAMINE AT ONCE AND IF NOT CORRECT NOTIFY THE BUYER AT PURCHASING DEPARTMENT IMMEDIATELY.  
 TEL. 433-2211, EXT. 6264

Please forward this copy to the person responsible for the account or project.



UNIVERSITY OF COLORADO

Duplicate

PR-N<sup>o</sup> 29850

Department Purchase Request No.

## Instructions for use

Use this form to request the Purchasing Division to place an order with an OUTSIDE VENDOR.

Prepare in DUPLICATE. Forward original to Purchasing Division. Retain duplicate copy.

## PURCHASE REQUEST

Purchasing Department No. \_\_\_\_\_

All purchases of materials, equipment and services from other than University-operated sources of supply must be made through the Purchasing Division.

To the Purchasing Division:  
Please Purchase the following for

AVOID  
RUSH  
ORDERS

June 21, 1971  
Present Date

Required Delivery Date \_\_\_\_\_

FOR USE OF PURCHASING DIVISION ONLY	
Firm Name	
Street Address	
City and State	
attention:	

DELIVER TO:

Dr. David Rogers  
(PLEASE INDICATE COMPLETE AND SPECIFIC DELIVERY INSTRUCTIONS)

NAME OF DEPARTMENT:

Armory 101, University of Colorado

NAME OF ACCOUNT TO BE CHARGED:

Biology

DEPARTMENT		BUDGET	OBJECT
NUMBER	SUB	CODE	CLASS
1708	55		

FOB:

VIA:

PLEASE MAKE OUT A SEPARATE PURCHASE REQUEST FOR EACH CLASS OF ITEM

Quantity	Unit of Measure	Description of Material (Complete Specifications Prevent Errors)	Estimated Cost	For use of Purchasing Division (Commitment Details)
		Labels	130.00	Paid 6/23/71 \$130.00
		DO NOT DUPLICATE Attn: Ray Johnson		

Requested by (Please Sign) \_\_\_\_\_ Date \_\_\_\_\_ Telephone Ext \_\_\_\_\_

Dr. David Rogers 6-21-71 6712

Approved by Dean or Department Head (Please Sign) \_\_\_\_\_ Date \_\_\_\_\_

Suggestions as to vendors from whom the above items may be secured will be considered.

Approved by Comptroller (Please Sign) \_\_\_\_\_ Date \_\_\_\_\_

D. K. Printing Inc.

Business Aspects Approved by (Please Sign) \_\_\_\_\_ Date \_\_\_\_\_

CASH TERMS:

OTHER:

COMMITMENT TOTAL

\$

BUYER

DATE



DATE 6/11/71 **k printing inc.**

TO TAXIMETAL LAB, CU

ADDRESS \_\_\_\_\_

QUANTITY	DESCRIPTION	AMOUNT
	<u>LABELS</u>	<u>130 W</u>

INVOICE SUMMARY

Name of Account Monograph of Madinet

Number	Sub	Code	Class	Discount	Net Amount
<u>1708</u>	<u>55</u>				<u>9130.00</u>

This space for Department Use — Complete both spaces

Date Materials Received 6/11/71 Approved for Pay' D. J. Rogers

By D. J. Rogers

This space for Purchasing and Business Office Use

Extensions Checked \_\_\_\_\_ Approved \_\_\_\_\_ (For Purchasing Div.)

Inv. No. \_\_\_\_\_ or Date \_\_\_\_\_

Vendor No. \_\_\_\_\_

Daniel J. Rogers

SUB TOTAL	<u>130 W</u>
STATE TAX	
CITY TAX	
TOTAL	<u>130 W</u>

CASH \_\_\_\_\_ CHARGE \_\_\_\_\_ ON ACCT \_\_\_\_\_ PAID BY \_\_\_\_\_

NO 8974

INVOICE

October 18, 1971

Mr. Ralph Stilson  
Office of Research Services  
University of Colorado  
Boulder, Colo., 80302

Dear Ralph:

I enclose a check to be credited to travel under my account 1708-55, Monograph of Manihot. Will you please drop me a note when you have received this?

I noted that this account is overdrawn, but as usual, I cannot determine from what budget category I have overdrawn, and the statement is nothing but cryptic to me. Would you be kind enough to look over the account and determine for me which budget category is overdrawn, and whether other budget categories still are credited with money remaining?

Sorry to bother you with this, Ralph, but have to depend on your good nature to help me out here. Thanks in advance.

Sincerely,

David J. Rogers  
Visiting Scholar

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

- PURCHASING OPERATIONS     FOOD     LAUNDRY     OTHER (EXPLAIN) \_\_\_\_\_  
 LINEN     BOOK STORE     PHYSICAL PLANT     ALCOHOL  
 PHARMACY     PRINTING SERVICES     MOTOR POOL    ACCT. NO. OF DEPT. RENDERING SERVICES

DEPARTMENT		IN 38534	
NUMBER	SUB.	BUD. CODE	OBJECT CLASS
4901	15	5	566

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
①	4 Utens/260 sealing tape XVC 395			
②				
③				
④				
⑤				
⑥				
⑦				
⑧				
⑨				

DELIVER TO \_\_\_\_\_

ADDRESS \_\_\_\_\_

TOTAL

REQUESTED BY _____	EXTENSION _____	DATE _____	CHARGE ACCOUNT _____
APPROVED BY _____	DEPARTMENT		BUD. CODE
RECEIVED BY _____	NUMBER	SUB.	OBJECT CLASS
<i>M. Ferguson Fisher</i>	1708	55	

CREDIT

INTERDEPARTMENTAL ORDER AND INVOICE UNIVERSITY OF COLORADO

- PURCHASING OPERATIONS   
  FOOD   
  LAUNDRY   
  OTHER (EXPLAIN) \_\_\_\_\_  
 LINEN   
  BOOK STORE   
  PHYSICAL PLANT   
  ALCOHOL  
 PHARMACY   
  PRINTING SERVICES   
  MOTOR POOL   
 ACCT. NO. OF DEPT. RENDERING SERVICES

DEPARTMENT		44 IN 40749	
NUMBER	SUB.	BUD. CODE	OBJECT CLASS
4201	1	5	518

QUANTITY	DESCRIPTION	UNITS ISSUED	UNIT PRICE	AMOUNT
① 1	tupe	CV 1.25	4	
②				
③				
④				
⑤				
⑥				
⑦				
⑧				
⑨				

DELIVER TO \_\_\_\_\_

ADDRESS \_\_\_\_\_

TOTAL

REQUESTED BY \_\_\_\_\_ EXTENSION \_\_\_\_\_ DATE 4/11/71 CHARGE ACCOUNT \_\_\_\_\_

APPROVED BY \_\_\_\_\_

DEPARTMENT		BUD. CODE	OBJECT CLASS
NUMBER	SUB.		
1701	55		

RECEIVED BY *R. h. Rogers*



FORM NO. 84

DISTR. CODE	SOCIAL SECURITY NO. OR DATE	WARRANT NO. OR BANK CODE	SEX	MAR. STAT.	TAX CODE	RET. CODE	ENCUMBR. CODE	DEPARTMENT		BUD. CODE	CLASS	PAY CODE	AMOUNT	EMPLOYEE'S NAME	EMPLOYEE NO.
								NO.	SUB.						
PLEASE EXAMINE THIS CHECK LIST. NOTE ANY CHANGES, APPROVE AND RETURN THE ORIGINAL TO THE PAYROLL DEPARTMENT, REGENT HALL, ON THE SAME DAY AS RECEIVED. THE COPY IS FOR YOUR RECORDS.															
	02 29 72	GROSS						353	1708	55	3 200	02	1,400.00	HENRY S FLEMING	293760
													1,400.00 *		

*returned - ok*

UNIVERSITY OF COLORADO  
Finance Office

## Journal Voucher

Date 10-12-71

TYPE OF ENTRY	Department		Bud. Code	Object Class	AMOUNT	CR AND DEDUCT.	DESCRIPTION (Abbreviate to 23 Spaces)
	Number	Sub					
RECEIPT							
RECEIPT							
RECEIPT							
RECEIPT							
EXPENDITURE	0543	15	5	510	81.20	CR	Tapes
EXPENDITURE	2930	03	5	510	81.20		Tapes
EXPENDITURE							
EXPENDITURE							
EXPENDITURE							
EXPENDITURE							

Reference Number and Date IN 15892 6-21-71 JV 01076 8-2-71

Explanation: To charge tapes to Denver Center grant acct instead of Med Center

Originally charged to Med Center in error

Prepared by J. Martin

Approved

Finance Officer

NAME OF ACCOUNT \* **Biology**  
 Elizabeth Owens  
 ATTN \* **112 Hale**  
 ROOM & BLDG \*  
 CAMPUS \*  
 CITY \*

CLASS **510** P. R. NO. **29850** DATE TYPED **8-10**  
 ORDER NO. **54703**  
 REQUESTED **Dr. David Rogers** PHONE EXT. **6712**

VENDOR  
**D&K Printing**

**PURCHASE ORDER**

UNIVERSITY OF COLORADO  
 ACCEPTANCE  OFFER

BILL TO  
 UNIVERSITY OF COLORADO  
 DEPT. PURCHASING SERVICES  
 REGENT SS  
 BOULDER, COLORADO 80502

ORDER NO.  
**54703**  
 COMM. CODE

DATE PLACED **July 29, 1971** ✓  
 VENDOR **D & K Printing, Inc.**  
 2027 Pearl  
 Boulder, Colorado 80802  
 ATTN **Jim Kinkade**  
 PHONE

SHIP TO  
 UNIVERSITY OF COLORADO  
 P. O. NO.  
 MARK FOR  
 ROOM NO. **BLDG.**  
 BOULDER, COLORADO 80502

BUYER CODE

PHONE ORDER TO **Jim Kinkade** DATE **7-29**  
 QUOTATION NO.  
 POB NO.  
 CASH TERMS **net 30 days**

F. O. B. POINT **your organization**  
 FREIGHT PAYABLE BY  VENDOR AND  UNIVERSITY. PLEASE PREPAY AND ADD TO INVOICE BY  OTHER  
 COMPLETE DELIVERY AND/OR INSTALLATION IS REQUIRED ON OR BEFORE **completed** VIA **your services**

ITEM	QUANTITY	UNIT	DESCRIPTION	DELIVERY DATE	UNIT PRICE	AMOUNT
	1	lot	Labels (approx. 12,000)/for the monograph of Manihot			\$130.00 total
<p>Your invoice #8974 already received            CONFIRMATION ONLY..DO NOT DUPLICATE</p>						

*Mrs. M. Pittman*  
**MES: M: Pittman** *↓* **kn**

THIS ORDER PLACED AS PER PURCHASE REQUEST. PLEASE EXAMINE AT ONCE AND IF NOT CORRECT NOTIFY THE BUYER AT PURCHASING DEPARTMENT IMMEDIATELY.  
 TEL. 433-2211, EXT. 6264

Please forward this copy to the person responsible for the account or project.

RESEARCH GRANT  
BUDGET & FISCAL REPORT

Please read these instructions carefully before completing this form.

INSTITUTION AND ADDRESS <b>University of Colorado Boulder, Colorado</b>		NSF PROGRAM <b>Systematic Biology</b>	REPORTING PERIOD FROM <b>12/1/70</b> THRU <b>5/31/72</b>
GRANTEE ACCOUNT NUMBER <b>1708-55</b>		PRINCIPAL INVESTIGATOR(S) <b>Rogers</b>	<input checked="" type="checkbox"/> FINAL REPORT <input type="checkbox"/> INTERIM REPORT (See Instructions)
GRANT NUMBER <b>GB-25244</b>	DURATION <b>1 year</b>	GRANT AMOUNT \$ <b>16,000</b>	

A. SALARIES AND WAGES	NSF Funded Man Months			NSF GRANT BUDGET	GRANTEE CUMULATIVE EXPENDITURES (to 5/31/72)
	Cal.	Acad.	Summ.		
1. Senior Personnel					
a. <u>1</u> (Co) Principal Investigator(s)			<u>1</u>	\$ <b>2,035</b>	
b. Faculty Associates					
Sub-Total				<b>2,035</b>	\$ <b>2,035.00</b>
2. Other Personnel (Non-Faculty)					
a. <u>1</u> Research Associates-Postdoctoral	<u>6</u>			<b>5,000</b>	
b. Non-Faculty Professionals					
c. Graduate Students					
d. Pre-Baccalaureate Students					
e. <u>1</u> Secretarial-Clerical				<b>630</b>	
f. Technical, Shop, and Other					
<b>TOTAL SALARIES AND WAGES</b>				<b>7,665</b>	<b>8,647.60</b>
B. FRINGE BENEFITS (When Charged as Direct Cost)				<b>190</b>	<b>463.39</b>
C. TOTAL SALARIES, WAGES, AND FRINGE BENEFITS (A+B)				<b>7,855</b>	<b>9,110.99</b>
D. PERMANENT EQUIPMENT					
E. EXPENDABLE EQUIPMENT AND SUPPLIES				<b>300</b>	<b>105.83</b>
F. TRAVEL 1. Domestic				<b>945</b>	<b>106.29</b>
2. International					
G. PUBLICATION COSTS				<b>425</b>	<b>66.66</b>
H. COMPUTER COSTS (When Charged as Direct Cost)				<b>2,100</b>	<b>1,121.37</b>
I. OTHER COSTS (Itemize)					
Telephone \$84.06; Postage \$34.96; Systems Programmer & Contractual Services \$1,313.00; Photo Charges \$251.90				<b>1,000</b>	<b>1,683.92</b>
J. TOTAL DIRECT COSTS (C through I)				<b>12,625</b>	<b>12,195.06</b>
K. INDIRECT COSTS					
<u>44%</u> of Salaries & Wages				<b>3,373</b>	<b>3,804.94</b>
L. TOTAL COSTS (J plus K)				<b>15,998</b>	<b>16,000.00</b>
M. TOTAL BUDGET ROUNDED—AMOUNT OF AWARD				<b>16,000</b>	
N. UNEXPENDED BALANCE (M budget minus L expenditures)					<b>-0-</b>
O. COST SHARING—GRANTEE PARTICIPATION				\$ <b>N/A</b>	\$ <b>4,267.89</b>

REMARKS: Use extra sheet if necessary

*David Rogers*  
David Rogers, Professor

Date Jan. 11, 1973

I CERTIFY THAT ALL EXPENDITURES REPORTED ARE FOR APPROPRIATE PURPOSES AND IN ACCORDANCE WITH THE AGREEMENTS SET FORTH IN THE APPLICATION AND AWARD DOCUMENTS

SIGNATURE OF AUTHORIZED OFFICIAL	TYPED OR PRINTED NAME & TITLE <b>Dick D. Hathaway, Chief</b> Research & Grant Accounting Division	DATE
----------------------------------	---	------

FOR NSF USE ONLY

Org. Code	F.Y.	Fund ID	Prog. Code	Obj. Class	O/D res.	Award No.	amd.	Inst. Code	Unexpended Balance	Trans.	Lot
				41					\$		

## NATIONAL SCIENCE FOUNDATION

Revised Grant Budget

Reference No. BO 25244

Institution: The Regents of the  
University of Colorado  
Boulder, Colorado 80302

Title: A Monograph of Manihot, Employing  
Computer-Aided Taximetric Methods

Principal Investigator: David J. Rogers

Starting Date &amp; Duration: 12-1-70

A. Salaries and Wages

Principal Investigator: D. J. Rogers	
50% time, 2 mos. summer	\$ 2,035(1MM)
15% time, 9 mos. A.Y.	\$ -0-
Research Associate: S. G. Appan	
50% time, 12 mos.	\$ 5,000(6MM)
Clerk-typist	
15% time, 12 mos.	\$ 630(2MM)
 Total Salaries and Wages	 \$ 7,665

B. Fringe Benefits

TIAA: 7% of faculty salaries	\$ 140
PERA: 8% of staff salaries	\$ 50
 Total Fringe Benefits	 \$ 190

C. Permanent Equipment

None

D. Expendable Supplies and Equipment

Film, photography and graphing supplies	\$ 250
Paper and office supplies	\$ 50
 Total Expendable Supplies	 \$ 300

E. Travel

Domestic: two round trips, Boulder- Washington-New York-Boston @ \$210 ea.	\$ 415
Per diem, two persons for ten days @ \$25/day	\$ 500
Car hire, two days @ \$15/day	\$ 30
 Total Travel	 \$ 945

F. Publication Costs

Reprints	\$ 200
Illustration preparation (figures, maps, charts, graphs, etc.)	<u>\$ 225</u>
Total Publication Costs	\$ 425

G. Other Direct Costs

Computer Costs: CDC 6400 (central processing @ \$300/hr. and peripheral time @ \$60/hr.)	\$ 2,100
Consultant costs: Systems programmer, R. C. Brill 200 hrs. @ \$5/hr.	<u>\$ 1,000</u>
Total Other Direct Costs	\$ 3,100

H. Total Direct Costs

\$12,625

I. Indirect Costs

On campus: 44% of Salaries and Wages \$ 3,375

J. Total Costs

\$16,000

TOTAL REQUESTED FROM NSF FOR ONE YEAR: \$16,000

This institution will cost-share in compliance with NSF policy.

NEW ACCOUNT REQUEST

PART I: REQUEST (To be completed by department)

1. Department Biology Date December 2, 1971
2. Proposed account title Monograph of Manihot
3. Purpose Research
- Will this account be active beyond one year  Yes  No
4. Source of funds (explain) NSF
- Contract, grant, or BCA No. NSF GB-25244
- If contract or grant, has ORS reviewed proposal?  Yes  No
- If an agency is to be billed, state name and address \_\_\_\_\_
5. Period of availability from 12-1-70 To 11-30-71
6. Who will approve expenditures and be responsible for the account?
- Name David J. Rogers Campus address Armsory 101
- Others authorized to sign? None
7. If periodic financial reports other than University of Colorado monthly statement of accounts are to be made, state type and to whom?
- At what intervals: (explain) \_\_\_\_\_
8. Disposition of unused funds Letter of Credit
9. Requested by Ralph Stilson Dept. Head or Chairman \_\_\_\_\_
- (Please retain 4th copy; forward all others to Finance Office. Do not make charges until account has been approved. 3rd copy, canary, will be sent to department when account has been approved for activity).

PART II: ENTRY (To be completed by Finance Office)

1. Fund 03 Account No. 1708-55 Title Monograph of Manihot
- To: B. Rogers
2. Summary title (23 space limit) Biology
3. Federal Cash Balance Report Code No. 05
4. Control: Cash  Budget\*  Other\*  (explain) \_\_\_\_\_
5. Account is subject to State Sales Tax or Federal Excise Taxes
- Yes \_\_\_\_\_ No
- Administrative Service Recharge or Overhead
- ASR Rate \_\_\_\_\_ % Overhead Rate \_\_\_\_\_ %
6. Approvals:
- \*Director of the Budget \_\_\_\_\_ Controller \_\_\_\_\_ (date) \_\_\_\_\_ (date) \_\_\_\_\_
- Distribution after approvals: } Original, white Finance Office 2nd copy, pink, Budget Office 4th copy, goldenrod, to be retained by request-  
1st copy, blue 3rd copy, canary, Department ing department
- Quintuplicate Sets \_\_\_\_\_ 1. \_\_\_\_\_ 2. Manual Control
- No carbon required
- Acct. closed (date) \_\_\_\_\_

December 8, 1970

Mr. Wilbur W. Bolton, Jr.  
Grants Officer  
National Science Foundation  
Washington, D. C. 20550

Grant No. GB-25244

Dear Mr. Bolton:

This is to acknowledge receipt of your letter of November 27, 1970, indicating that a grant in the amount of \$16,000 has been made by the National Science Foundation to the University of Colorado for the support of research entitled "Monograph of Manihot Employing Computer-Aided Taximetric Methods" under the direction of David J. Rogers. We accept this grant and shall use it in the manner indicated.

For the members of the Board of Regents as well as for the University administration, may I express our sincere appreciation for this substantial support of important work.

Sincerely yours,

Thurston E. Manning  
Vice President for Research and Planning

cc: ORS  
David J. Rogers

RESEARCH GRANT  
BUDGET & FISCAL REPORT

Please read instructions on reverse side carefully before completing this form.

INSTITUTION AND ADDRESS <b>University of Colorado Boulder, Colorado</b>		NSF PROGRAM <b>Systematic Biology</b>		REPORTING PERIOD FROM _____ THRU _____	
GRANT NUMBER <b>GB-25244</b>		PRINCIPAL INVESTIGATOR(S) <b>Rogers</b>		<input type="checkbox"/> FINAL REPORT <input type="checkbox"/> INTERIM REPORT (See Instructions)	
Grantee Account Number	GRANT NUMBER <b>GB-25244</b>	DURATION <b>1 year</b>		GRANT AMOUNT <b>\$ 16,000</b>	
A. SALARIES AND WAGES		NSF Funded Man Months		NSF GRANT BUDGET	GRANTEE CUMULATIVE EXPENDITURES Do Not Round
1. Senior Personnel		Cal.	Acad.		
a. <u>1</u> (Co)Principal Investigator(s)				<u>1</u>	\$ 2,035
b. _____ Faculty Associates					
Sub-Total					2,035
2. Other Personnel (Non-Faculty)					\$
a. <u>1</u> Research Associates-Postdoctoral		<u>6</u>			5,000
b. _____ Non-Faculty Professionals					
c. _____ Graduate Students					
d. _____ Pre-Baccalaureate Students					
e. <u>1</u> Secretarial-Clerical					630
f. _____ Technical, Shop, and Other					
TOTAL SALARIES AND WAGES					7,665
B. FRINGE BENEFITS When Charged as Direct Cost					190
C. TOTAL SALARIES, WAGES, AND FRINGE BENEFITS (A+B)					7,855
D. PERMANENT EQUIPMENT					
E. EXPENDABLE EQUIPMENT AND SUPPLIES					300
F. TRAVEL 1. Domestic					945
2. International					
G. PUBLICATION COSTS					425
H. COMPUTER COSTS When Charged as Direct Cost					2,100
I. OTHER COSTS (Itemize)					
Systems Programmer					1,000
J. TOTAL DIRECT COSTS (C through I)					12,625
K. INDIRECT COSTS					
<u>44%</u> of Salaries & Wages					3,373
L. TOTAL COSTS (J plus K)					15,998
M. TOTAL BUDGET BALANCE—AMOUNT OF AWARD					16,000
N. UNEXPENDED BALANCE (M, budget minus L, expenditures)					
O. COST SHARING—GRANTEE PARTICIPATION					\$ N/A
REMARKS: Use extra sheet if necessary					
I CERTIFY THAT ALL EXPENDITURES REPORTED ARE FOR APPROPRIATE PURPOSES AND IN ACCORDANCE WITH THE AGREEMENTS SET FORTH IN THE APPLICATION AND AWARD DOCUMENTS					
SIGNATURE OF AUTHORIZED OFFICIAL		TYPED OR PRINTED NAME & TITLE			DATE

FOR NSF USE ONLY

Org. Code	F.Y.	Fund ID	Prog. Code	Obj. Class	O/D res.	Award No.	amd.	Inst. Code	Unexpended Balance	Trans.	Lot
				41					\$		

NATIONAL SCIENCE FOUNDATION  
WASHINGTON, D.C. 20550

ENCLOSURE R-11

**INDIRECT COSTS**

The indirect cost rate shown in the attached budget summary is a fixed, predetermined rate, and is not subject to adjustment.

**MOTOR VEHICLE**

If a motor vehicle is purchased with funds granted herein: (1) the grantee will procure and title the motor vehicle in accordance with institutional policy and (2) the motor vehicle will be used only for purposes of scientific research and will not be disposed of during the life of the grant or any renewal thereof. If the vehicle is disposed of thereafter, the proceeds therefrom shall be used by the grantee only for the support of scientific research or science education.

**PATENTS AND INVENTIONS**

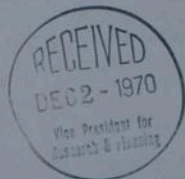
Whenever any invention, which is or may be patentable, is conceived or first actually reduced to practice in the course of this grant, the grantee shall furnish the Foundation with complete information thereon; and the Foundation shall have the right to determine whether or not and where a patent application shall be filed, and to determine the disposition of the invention and title to and rights under any application or patent that may result. The Foundation, in making such a determination, shall take into account the public interest and the equities of the grantee. In any case, the Foundation may arrange to have the invention described in a printed publication. The grantee, for itself and for its employees, agrees that the inventor or inventors will execute all documents and do all things necessary or proper to carry out the determination of the Foundation.

**GRANT FUNDING**

Funds to carry out the purpose of this grant may be obtained in accordance with the procedures in "Grant Accounting Instruction Manual for Grantee Institutions" (NSF 66-13: Rev. 2/66). Funds which are uncommitted and/or unexpended upon completion of the project must be credited to the grant and should be reported to the Foundation in order that the grant account may be closed.

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550



Director of the News Bureau  
Office of Public Information

In accordance with your request as a member of the American College Public Relations Association, we attach a copy of the announcement of a grant by the Foundation to your institution.

You are welcome to develop as you see fit a news story based on this announcement. If you have any questions about it, or if we can be of help in any way, let me know.

Should you recover extra clips from your published story, we would appreciate receiving a copy.

Sincerely yours,

A handwritten signature in cursive script, which reads "Roland D. Paine, Jr.", is written over the typed name.

Roland D. Paine, Jr.  
Public Information Officer

Attachment

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D. C. 20550

NOV 27 1970

Dr. Thurston E. Manning, Vice-President  
for Academic Affairs  
University of Colorado  
Boulder, Colorado 80302

GS-25244

Dear Dr. Manning:

It is a pleasure to inform you that \$16,000 is granted to the University of Colorado for research entitled "Monograph of Mandibol Employing Computer-Aided Taximetric Methods." This project is under the direction of David J. Rogers, Department of Biology. The grant is effective December 1, 1970 for a period of approximately one year.

This grant is made subject to the attached budget summary and the applicable taxes and conditions described in "Grants for Scientific Research" (NSF 69-23) (less Appendix IV), and Enclosure R-11. Upon acceptance of this award, the grantee assumes the cost sharing responsibilities outlined in the Foundation's Important Notice No. 31, subject: "Cost Sharing on Research Projects."

Sincerely yours,

Wilbur W. Bolton, Jr.  
Grants Officer

Enclosures