

# Carnegie Mellon

# INVOICE

Sponsored Projects Accounting (412) 268-2091 FAX (412)268-5841  
 5000 Forbes Avenue, Pittsburgh, PA 15213-3890

ATTACHMENTS

Address: Invoice Number : 3111908 / 3111909 Please refer to this invoice number for any correspondence.

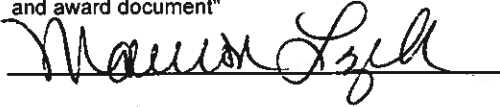
JEFFERSON SCIENCE ASSOCIATES, LLC  
 628 HOFSTDTER ROAD  
 ACCOUNTS PAYABLE, SUITE 4  
 NEWPORT NEWS, VA 23606

Invoice Date: 26-Oct-11

Invoice for Period Ending: 30-Sep-11

To: K. Jones / Zihlmann  
 Date Forged 11/3/11  
 Please approve for payment  
 and return to the Finance  
 Department ASAP

"I hereby certify that all payments requested are for appropriate purposes and in accordance with the agreement set forth in the application and award document"



- Full payment authorized
  - Partial Payment of
  - Disapproval
- Payment is requested for costs incurred under grant number: 10-C0163 -SURA/TJNAF-MEYER  
 CM Reference Number: 1041527 & 1041535

Signature \_\_\_\_\_ This research project is under the direction of: MEYER, CURTIS A  
 The project period of performance is from: 16-MAR-10 TO 30-APR-13

Description	Current Amount Due	Cumulative Costs
FACULTY SALARIES	0.00	0.00
PROFESSIONAL SALARIES	4,072.52	67,418.84
UNDERGRADUATE SALARIES	437.92	6,133.44
BENEFITS	1,203.29	15,301.45
OPERATING EXPENSES	948.35	36,071.14
TRAVEL-DOMESTIC	0.00	0.00
TRAVEL- FOREIGN	0.00	0.00
CAPITAL EXPENDITURE	0.00	0.00
INDIRECT COSTS	3,162.54	49,180.58
<b>Current Direct Costs</b>	<b>6,662.08</b>	<b>124,924.87</b>
<b>Current F&amp;A (Indirect Costs)</b>	<b>3,162.54</b>	<b>49,180.58</b>
<b>Total Amount Due for this Invoice</b>	<b>9,824.62</b>	
<b>Total Bill To Date(Including this Invoice)</b>		<b>174,105.45</b>
<b>Less: Payments Received to Date</b>		<b>164,280.83</b>
<b>Amount Outstanding</b>		<b>9,824.62</b>

RECEIVED  
 UCB AF FINANCE DEPT  
 11 NOV -3 8:08

**Make Check Payable to: Carnegie Mellon University**  
 Payment due in full within 30 days of invoice date  
 Remit To:  
 Carnegie Mellon University  
 P.O. Box 371032  
 Pittsburgh, PA 15250-7032

Carnegie Mellon Tax ID Number: 25-0969449  
 If Payment by Wire

BANK OF NEW YORK MELLON (BNY MELLON)  
 500 Ross Street  
 Pittsburgh, PA 15262  
 Account Number: 197-9003  
 ABA Number: 043000261  
 SWIFT CODE: MELNUS3P

Payment Due Date (30 days from Invoice date)

OPERATING EXPENS 1041535 SEP11

Project Number	104 Number	Amount Number	Expenditure Category	Expenditure Type	Expenditure Term Date	PA Date	GL Date	Expenditure Batch	Expenditure Description	AP Invoice Number	Employee ID Number	Subsidiary Code
22900	2	1041535	OPERATING EXPENSES	TECHNICAL SUPPLIES & SERVICES	2011/08/16	2011/09/30	2011/09/07	AP-84941ER84946	Conductive Epoxy for research purposes for the Medium Energy Glue-X Project	PRC728838	GITZEN, CHARLES S.	261.75
22900	2	1041535	OPERATING EXPENSES	TECHNICAL SUPPLIES & SERVICES	2011/08/19	2011/09/30	2011/09/07	AP-84941ER84946	Applicators & Cotton Balls for the medium Energy Glue-X research project	PRC738888	GITZEN, CHARLES S.	60.74
22900	2	1041535	OPERATING EXPENSES	TECHNICAL SUPPLIES & SERVICES	2011/08/25	2011/09/30	2011/09/08	AP-84941ER84950	Shrink Tubing, Dispenser Tips & Plastic Plugs for research purposes by our Medium Energy Group for the Glue-X Project	PRC739120	GITZEN, CHARLES S.	92.39
22900	2	1041535	OPERATING EXPENSES	TECHNICAL SUPPLIES & SERVICES	2011/09/02	2011/09/30	2011/09/19	AP-85278ER85279	O-Rings, Tools and hardware used for research purposes in our Medium Energy Group for the Glue-X Project	PRC741591	GITZEN, CHARLES S.	97.08
22900	2	1041535	OPERATING EXPENSES	TECHNICAL SUPPLIES & SERVICES	2011/09/12	2011/09/30	2011/09/19	AP-85278ER85279	TM adhesive, tape, mask, etc. for research purposes by our Medium Energy Physics Groups Glue-X Project	PRC741730	GITZEN, CHARLES S.	234.98
22900	2	1041535	OPERATING EXPENSES	TECHNICAL SUPPLIES & SERVICES	2011/09/19	2011/09/30	2011/09/28	AP-85778ER85779	Copper Brad, Collar Brass Filings used for research purposes only by our Medium Energy Groups Glue-X Project	PRC743557	GITZEN, CHARLES S.	89.46
22900	2	1041535	OPERATING EXPENSES	TECHNICAL SUPPLIES & SERVICES	2011/09/19	2011/09/30	2011/09/28	AP-85778ER85779	Shank Collar, Syringes and Ball Driver used for research purposes in our Medium Energy Glue-X Project	PRC743557	GITZEN, CHARLES S.	81.14
22900	2	1041535	OPERATING EXPENSES	TECHNICAL SUPPLIES & SERVICES	2011/09/23	2011/09/30	2011/09/28	AP-85778ER85779	Brass Filings & Plastic Plugs for our Medium Energy Physics Groups for the Glue-X Project	PRC744527	GITZEN, CHARLES S.	30.81

948.35

AWARD DETAIL REPORT - AWARD NUMBER : 1041527

Award Number : 1041527  
 Award Name : 10C0163-SURA/TJNAF-MEYER  
 Award Purpose : SPONSORED RESEARCH  
 Award Manager : MEYER, CURTIS A  
 Award Organization : PHYSICS  
 Award Type : PRIME-FED-ENERGY (SC)  
 Burden Schedule : FEDERAL - FY10 CAPPED  
 Burden Fixed Date :  
 Budget Type : AC

Funding Source : THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY  
 Award Preaward Date :  
 Award Start Date : 16-MAR-10  
 Award End Date : 30-APR-13  
 Latest Active Installment End Date : 30-APR-13  
 Award Current Month : Sep11-12  
 Begin Month :  
 End Month :

----- INCEPTION TO Sep11-12 -----

	(A) Month Actuals Sep11-12	(B) Total Actuals	(C) Total Open Encumbrances	(D) = (B) + (C) Total Act Plus Encumbrances	(E) Total Approved Cost Budget	(F) = (E) - (I) Total Budget Remaining
EXPENDITURES						
PERSONNEL						
SALARIES						
CHARLEY, THOMAS PAUL	0	4,140	0	4,140	0	(4,140)
BRUMBAUGH, MADDISON	278	3,239	0	3,239	0	(3,239)
MCGUIER, DEVIN J.	0	514	0	514	0	(514)
WOODHALL, RHY MCCULLOCH	2,213	36,990	0	36,990	0	(36,990)
MUELLER, KAITLIN AMELIA	1,860	26,289	0	26,289	0	(26,289)
KURL, RAHUL-ANRAADI D.	160	2,380	0	2,380	0	(2,380)
TOTAL SALARIES	4,510	73,552	0	73,552	0	(73,552)
TOTAL BENEFITS	1,203	15,301	0	15,301	0	(15,301)
TOTAL PERSONNEL	5,714	88,854	0	88,854	0	(88,854)
OTHER DIRECT COSTS						
OPERATING EXPENSES						
TECHNICAL SUPPLIES & SERVICES	0	0	0	0	370,770	370,770
TOTAL OPERATING EXPENSES	0	0	0	0	370,770	370,770
TOTAL OTHER DIRECT COSTS	0	0	0	0	370,770	370,770
TOTAL DIRECT COSTS	5,714	88,854	0	88,854	370,770	281,916
INDIRECT COSTS						

AWARD DETAIL REPORT - AWARD NUMBER : 1041527

----- INCEPTION TO Sep11-12 -----

	(A) Month Actuals Sep11-12	(B) Total Actuals	(C) Total Open Encumbrances	(D) = (B) + (C) Total Act Plus Encumbrances	(E) Total Approved Cost Budget	(F) = (E) - (I) Total Budget Remaining
FACILITIES & ADMINISTRATION	3,163	49,181	0	49,181	0	(49,181)
TOTAL INDIRECT COSTS	3,163	49,181	0	49,181	0	(49,181)
TOTAL EXPENDITURES	8,876	138,034	0	138,034	370,770	232,736

*#3111908*

Note: Favorable variance - no parenthesis

AWARD DETAIL REPORT - AWARD NUMBER : 1041535

Funding Source : THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY

Award Number : 1041535  
Award Name : 10C0163-SURA/TJNAF-MEYER  
Award Purpose : SPONSORED RESEARCH  
Award Manager : MEYER, CURTIS A  
Award Organization : PHYSICS  
Award Type : PRIME-FED-ENERGY (SC)  
Burden Schedule : BENEFITS ONLY W/ DTB  
Burden Fixed Date :  
Budget Type : AC

Award Preaward Date :  
Award Start Date : 16-MAR-10  
Award End Date : 30-APR-13  
Latest Active Installment End Date : 30-APR-13  
Award Current Month : Sep11-12  
Begin Month :  
End Month :

----- INCEPTION TO Sep11-12 -----

(A) Month Actuals Sep11-12	(B) Total Actuals	(C) Total Open Encumbrances	(D)=(B)+(C) Total Act Plus Encumbrances	(E) Total Approved Cost Budget	(F)=(E)-(D) Total Budget Remaining
0	80	0	80	0	(8)
948	35,939	0	35,939	51,631	15,692
0	53	0	53	0	(5)
948	36,071	0	36,071	51,631	15,560
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948	36,071	0	36,071	51,631	15,560
-----					
948	36,071	0	36,071	51,631	15,560
-----					
948	36,071	0	36,071	51,631	15,560

EXPENDITURES  
OTHER DIRECT COSTS  
OPERATING EXPENSES

HAZARDOUS MAT NONRADIOACTIVE  
TECHNICAL SUPPLIES & SERVICES  
IC TECHNICAL SVCS & EQUIPMENT

TOTAL OPERATING EXPENSES

TOTAL OTHER DIRECT COSTS

TOTAL DIRECT COSTS

TOTAL EXPENDITURES

Note: Favorable Variance - no paranthesis

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