

# Grant and Cooperative Agreement

CHOOSE ONE:

- ☐ COOPERATIVE AGREEMENT
- ☒ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☐ RESEARCH☐ SDCR☒ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER

NRC-HQ-12-G-38-0042

2. SUPPLEMENT NUMBER

M0004

3. EFFECTIVE DATE

03/14/2016

4. COMPLETION DATE

5. ISSUED TO

NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip)  
 UNIVERSITY OF TOLEDO, THE  
 3000 ARLINGTON AVE  
 TOLEDO OH 436142595

6. ISSUED BY

U.S. NRC - HQ

Mailing Address: Acquisition Management Division

Mail Stop: TWFN-5E03

Washington DC 20555-0001

7. TAXPAYER IDENTIFICATION NO. (TIN)

9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name &amp; Phone)

Dr. Changhu Chen

Email: changhu.chen@utoledo.edu

8. COMMERCIAL &amp; GOVERNMENT ENTITY (CAGE) NO.

10. RESEARCH, PROJECT OR PROGRAM TITLE

Joint initiative in a new type of nuclear detector through faculty development between the departments of Radiation Oncology and Physics and Astronomy.

11. PURPOSE

See schedule

12. PERIOD OF PERFORMANCE (Approximately)

06/06/2012 through 06/07/2016

13A.	AWARD HISTORY	13B.	FUNDING HISTORY
PREVIOUS	\$345,436.00	PREVIOUS	\$345,436.00
THIS ACTION	\$0.00	THIS ACTION	\$0.00
CASH SHARE	\$0.00	TOTAL	\$345,436.00
NON-CASH SHARE	\$0.00		
RECIPIENT SHARE	\$48,000.00		
TOTAL	\$345,436.00		

14. ACCOUNTING AND APPROPRIATION DATA

PURCHASE REQUEST NO.	JOB ORDER NO.	AMOUNT	STATUS

15. POINTS OF CONTACT

	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS
TECHNICAL OFFICER	NANCY V. HEBRON-ISREAL	3WFN3A12	301-287-0718	Nancy.Hebron-Isreal@nrc.gov
NEGOTIATOR				
ADMINISTRATOR	GORDANA ZUBER		301-415-5002	gordana.zuber@nrc.gov
PAYMENTS				

16. THIS AWARD IS MADE UNDER THE AUTHORITY OF:

Persuant to Section 31b and 141b of the Atomic Energy Act of 1954, as amended.

17. APPLICABLE STATEMENT(S), IF CHECKED:

- ☒ NO CHANGE IS MADE TO EXISTING PROVISIONS
- ☐ FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT

18. APPLICABLE ENCLOSURE(S), IF CHECKED:

- ☐ PROVISIONS ☐ SPECIAL CONDITIONS
- ☐ REQUIRED PUBLICATIONS AND REPORTS

UNITED STATES OF AMERICA

COOPERATIVE AGREEMENT RECIPIENT

CONTRACTING/GRANT OFFICER

M'LITA R. CARR

DATE

03/15/2016

AUTHORIZED REPRESENTATIVE

DATE

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

MAR 18 2016

ADM002

# Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 77.008</p> <p>DUNS Number: 807418939</p> <p>NRC-HQ-12-G-38-0042</p> <p>ZEROREQ-OCHCO-16-0092</p> <p>The purpose of this modification is to extend the period of performance.</p> <p>As a result of this modification:</p> <p>1. ATTACHMENT A - SCHEDULE,</p> <p>A. Section A.2 PERIOD OF GRANT, delete in its entirety and replace with the following:</p> <p>"1. The effective date of this Grant is June 6, 2012. The completion date of this Grant is June 7, 2016.</p> <p>2. Funds obligated in this grants are available for program expenditures for the period: June 6, 2012 - June 7, 2016"</p> <p>B. Section A.4 AMOUNT OF AWARD AND PAYMENT PROCEDURES, delete in its entirety and replace with the following:</p> <p>"1. The total estimated amount of this Award is \$393,436.00 inclusive of a cost share of \$48,000.00 for a four year period.</p> <p>All other terms and conditions remain the same.</p> <p>Payment:</p> <p style="padding-left: 40px;">ASAP GRANT FUNDS REIMBURSEMENT SYS</p> <p style="padding-left: 40px;">US TREASURY</p> <p>Period of Performance: 06/06/2012 to 06/07/2016</p>				