

# 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 M0001		3. EFFECTIVE DATE 12/19/2013		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: 3WFN-05-C64MP Washington DC 20555-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Dr. Changhu Chen Email: changhu.chen@utoledo.edu			
8. COMMERCIAL & 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 06/05/2015							
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		\$0.00					
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		301-287-0900	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: <input checked="" type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER SHASHI MALHOTRA		DATE 12/31/2013		AUTHORIZED REPRESENTATIVE		DATE	

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

JAN 08 2014

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)
	CFDA Number: 77.008 DUNS Number: 807418939 The purpose of this modification is to change the PI from Dr. Feldmeier to Dr. Changhu Chen. All other terms and conditions remain the same. Payment: ASAP GRANT FUNDS REIMBURSEMENT SYS US TREASURY Period of Performance: 06/06/2012 to 06/05/2015				