

**U. S. DEPARTMENT OF ENERGY
FIELD WORK PROPOSAL**

1. WORK PROPOSAL NO.: <p align="center">2670.1</p>	2. REVISION NO.:	3. DATE PREPARED: <p align="center">03-15-07</p>	3a. CONTRACTOR NO.: <p align="center">50300</p>
4. WORK PROPOSAL TITLE: Minority Student Involvement in Research			
5. BUDGET & REPORTING CODE: KA-14-01-04	6. WORK PROPOSAL TERM: Begin: End:	7. IS THIS WORK PACKAGE INCLUDED IN THE INST. PLAN? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	7a. PRINCIPAL INVESTIGATORS: Zeidman, B.
8. HEADQUARTERS/OPERATIONS OFC PROGRAM MANAGER: Staffin, R. No. 301-903-3624	11. HEADQUARTERS ORGANIZATION: High Energy Physics		14. DOE ORG. CODE: SC
9. DOE FIELD ORGANIZATION WORK PROPOSAL REVIEWER:	12. DOE FIELD ORGANIZATION: Chicago		15. DOE ORG. CODE: CH
10. CONTRACTOR WORK PROPOSAL MANAGER: Weerts, H.J. No. 630-252-8831	13. CONTRACTOR NAME: UChicago Argonne, LLC		16. CODE: 12
17. IS THIS PROPOSAL TO DO WORK THAT INCLUDES A SECURITY INTEREST? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
18. WORK PROPOSAL DESCRIPTION (Approach, anticipated benefit in 200 words or less): <p style="margin-left: 40px;">The objective of this program is to enhance minority participation in DOE programs in Nuclear and Particle Physics. This requires identification of qualified students and faculty, generation of student interest, motivation to participate in research projects, and providing appropriate opportunities for participation in research at ANL. This is accomplished through interactions with minority students and faculty during visits to institutions with large minority populations where qualified students are identified, seminars are presented, and discussions of physics activities at ANL and other laboratories, graduate programs, etc. take place. Other activities include attendance at meetings of minority organizations, and appointments as Adjunct Professor at Hampton University supervising Ph.D. thesis research.</p>			
19. CONTRACTOR WORK PROPOSAL MANAGER: <p align="center"><i>H. Weerts</i></p>		20. OPERATIONS OFFICE REVIEW OFFICIAL: 	
<p align="center">03-15-07</p>	<p align="center">03-15-07</p>	<p align="center">03-15-07</p>	<p align="center">03-15-07</p>
<p align="center">SIGNATURE</p>	<p align="center">DATE</p>	<p align="center">SIGNATURE</p>	<p align="center">DATE</p>
21. DETAIL ATTACHMENTS: (See specific attachments.)			
<input type="checkbox"/> a. Facility requirements	<input checked="" type="checkbox"/> e. Approach	<input type="checkbox"/> i. NEPA requirements	<input type="checkbox"/> m. ES&H considerations
<input type="checkbox"/> b. Publications	<input checked="" type="checkbox"/> f. Technical progress	<input checked="" type="checkbox"/> j. Milestones	<input type="checkbox"/> n. Human/Animal Subjects
<input checked="" type="checkbox"/> c. Purpose (mandatory)	<input checked="" type="checkbox"/> g. Future accomplishments	<input type="checkbox"/> k. Deliverables	<input type="checkbox"/> o. Security requirements
<input type="checkbox"/> d. Background	<input checked="" type="checkbox"/> h. Relationships to other projects	<input type="checkbox"/> l. Performance Measures/Expectations	<input checked="" type="checkbox"/> p. Other (specify)

**WORK PROPOSAL REQUIREMENTS FOR OPERATING/EQUIPMENT
OBLIGATIONS AND COST**

CONTRACTOR NAME UChicago Argonne, LLC		WORK PROPOSAL NO. 3010.1		REVISION NO.		CONTRACTOR NO. 50300		DATE PREPARED 02/19/2007	
21. STAFFING (in staff years)		PRIOR YEARS	FY2007	FY2008	FY2009		FY2010	FY2011	TOTAL TO COMPLETE
				ESTIMATE	REQUEST	AUTHORIZED			
a. Scientific			0.0	0.0	0.0		0.0	0.0	
b. Other Direct			0.0	0.0	0.0		0.0	0.0	
c. Technical Services*			0.0	0.0	0.0		0.0	0.0	
d. Total Direct			0.0	0.0	0.0		0.0	0.0	
23. OBLIGATIONS AND COSTS (in thousands)									
a. Total Obligations			24	26	26		0	0	
b. Total Costs			26	26	26		0	0	
24. EQUIPMENT (in thousands)									
a. Equipment Obligations			0	0	0		0	0	
b. Equipment Costs			0	0	0		0	0	
25. MILESTONE SCHEDULE (Tasks)		FY2009 DOLLARS				PROPOSED SCHEDULE	AUTHORIZED SCHEDULE		
		PROPOSED		AUTHORIZED					
26. REPORTING REQUIREMENTS									

* Technical services staffing includes ANL support divisions' scientific effort.

CONTRACTOR NAME UChicago Argonne, LLC	CONTRACTOR CODE CH	CONTRACTOR NUMBER 50300	
WORK PACKAGE NUMBER	WORK PROPOSAL NUMBER 2670.1	DATE PREPARED 03-15-07	REVISION NUMBER

21. DETAIL ATTACHMENTS: (See specific attachments.)

- | | | | |
|--|---|---|---|
| <input type="checkbox"/> a. Facility requirements | <input type="checkbox"/> e. Approach | <input type="checkbox"/> i. NEPA requirements | <input type="checkbox"/> m. ES&H considerations |
| <input type="checkbox"/> b. Publications | <input type="checkbox"/> f. Technical progress | <input type="checkbox"/> j. Milestones | <input type="checkbox"/> n. Human/Animal Subjects |
| <input checked="" type="checkbox"/> c. Purpose (mandatory) | <input type="checkbox"/> g. Future accomplishments | <input type="checkbox"/> k. Deliverables | <input type="checkbox"/> o. Security requirements |
| <input type="checkbox"/> d. Background | <input type="checkbox"/> h. Relationships to other projects | <input type="checkbox"/> l. Performance Measures/Expectations | <input type="checkbox"/> p. Other (specify) |

Enhancement of Minority Involvement in DOE Nuclear and Particle Physics Programs

The program in the ANL Physics Division to enhance minority participation in DOE programs in Nuclear and Particle Physics, as well as in related areas, is an ongoing effort. The primary focus of the program consists of identifying qualified students and faculty, generating student interest, motivating them to participate in research projects, and providing appropriate opportunities for participation in research programs at Argonne by both students and faculty.

The program is based upon personal interactions with a substantial number of qualified minority students and faculty during visits to the Physics Departments at HBCU colleges (historically Black Colleges and Universities) and other institutions with large minority populations, e.g., Hispanics. During these visits, qualified students are identified, seminars are presented, and discussions of physics activities at ANL and other laboratories, graduate programs, etc. take place. Other activities include attendance at meetings of minority organizations and appointment as Adjunct Professor at Hampton University supervising Ph.D. thesis research. While the short term objective of the program is to enhance minority participation in ANL research programs, another goal is increasing the number of minority graduate students in Nuclear and Particle Physics. Many former participants are currently enrolled in programs leading to a Ph.D. in physics, while others have already earned their doctorates. Several of these students are currently engaged in basic research.

The task involves continuing efforts to develop long term relationships with faculty and students to help strengthen scientific programs at minority institutions and encourage research. Collaborations, with direct participation of faculty and students, in ANL research programs, e.g., the Physics and High Energy Physics Divisions, further contribute to achieving this goal.