April 2012 FDP Research Subaward Agreement		
Institution/Organization ("Prime Recipient") University of Alaska Fairbanks Prime Award No.: Awarding Agency: National Science Foundation	Institution/Organization ("Subrecipient") Name: Subaward No.: CFDA #: Amount Funded This Action: Est. Total (if incrementally funded)	
	CFDA Title	
Subaward Period of Performance: Budget Period: From: To: Project Title:	Estimated Project Period (if incrementally funded): From: To:	
Reporting Requirements (Check here if applicable: See Attachment 4)		
	FFATA (Attachment 3B) ARRA Funds (Attachment 4A) Conditions	
 standard invoice, but at a minimum shall include current and cumulative of and accuracy of invoice. <i>Invoices that do not reference Prime Recipient's Sub</i> cerning invoice receipt or payments should be directed to the appropriate 3) A final statement of cumulative costs incurred, including cost sharing, Administrative Contact, as shown in Attachments 3A and 3B, NOT LATER 1 of costs shall constitute Subrecipient's final financial report. 4) All payments shall be considered provisional and subject to adjustmen as a result of an adverse audit finding against the Subrecipient. Prime rec 5) Matters concerning the technical performance of this subaward should Attachments 3A and 3B. Technical reports are required as shown above, " 6) Matters concerning the request or negotiation of any changes in the technages requiring prior approval, should be directed to the appropriate performance of the subrecipient performance of the subrecipient of the subrecent of the	ed; or X as shown in Attachment 5. In ent entity and not an employee or agent of Prime Recipient. In the for allowable costs. All invoices shall be submitted using Subrecipient's costs (including cost sharing), subaward number, and certification as to truth <i>baward Number shall be returned to Subrecipient</i> . Invoices and questions con- e party's Administrative contact as shown in Attachments 3A & 3B. marked "FINAL" must be submitted to Prime Recipient's THAN sixty (60) days after subaward end date. The final statement in within the total estimated cost in the event such adjustment is necessary ipient reserves the right to reject an invoice. I be directed to the appropriate party's Principal Investigator, as shown in 'Reporting Requirements''. rms, conditions, or amounts cited in this subaward agreement, and any	
 Fach party shall be responsible for its negligent acts or omissions and t extent allowed by law. Either party may terminate this subaward with thirty days written notic Attachments 3A & 3B. Prime Recipient shall pay Subrecipient for terminat Appendix E, "Principles for Determining Costs Applicable to Research and 9) No-cost extensions require the approval of the Prime Recipient. Any re Authorized Officail Contact, as shown in Attachments 3A & 3B, not less that change. The Subaward is subject to the terms and conditions of the Prime Awa 11) By signing below Subrecipient makes the certifications and assurance comply with applicable statutory and regulatory requirements specified in http://nsf.gov/bfa/dias/policy/rtc/appc_june11.pdf. 	the negligent acts or omissions of its employees, officers, or director's, to the e to the appropriate party's Authorized Official Contact as shown in tion costs as allowable under OMB Circular A-21 or A-122 or 45 CFR Part 74 I Development under Grants and Contracts with Hospitals" as applicable. quests for a no-cost extension should be addressed to and received by the an thirty (30) days prior to the desired effective date of the requested ard and other special terms and conditions, as identified in Attachment 2. s shown in Attachments 1 and 2. Subrecipient also assures that it will n the Research Terms & Conditions Appendix C found at	
By an Authorized Official of Prime Recipient	By an Authorized Official of Subrecipient	
Deborah A. Moore, C.P.M., Assoc Director, Date	Name & Title Date	

Procurement and Research Services

Attachment 1 Research Subaward Agreement Certifications and Assurances

By signing the Subaward Agreement, the authorized official of Subrecipient certifies, to the best of his/her knowledge and belief that:

Certification Regarding Lobbying

1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Subrecipient, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or intending to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the Subrecipient shall complete and submit Standard Form -LLL, "Disclosure Form to Report Lobbying", to the Prime Recipient.

3) The Subrecipient shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$10,000 for each such failure.

Debarment, Suspension, and Other Responsibility Matters

Subrecipient certifies by signing this Subaward Agreement that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any federal department or agency.

OMB Circular A-133 Assurance

Subrecipient assures Prime Recipient that it complies with A-133 and that it will notify Prime Recipient of completion of required audits and of any adverse findings which impact this subaward.

Attachment 2 Research Subaward Agreement Prime Award Terms & Conditions National Science Foundation

Certifications/Assurances

1. By signing this Research Subaward Agreement Subrecipient makes the certifications and assurances specified in the Research Terms and Conditions Appendix C found at http://www.nsf.gov/bfa/dias/policy/rtc/appc_june11.pdf

General terms and conditions as of the effective date of this Research Subaward Agreement:

- 1. The restrictions on the expenditure of federal funds in appropriations acts are applicable to this subaward to the extent those restrictions are pertinent.
- 2. OMB Circular A-110 or 45 CFR Part 602 as applicable.
- 3. The Proposal and Award Policies and Procedures Guide, including addenda in effect as of the beginning date of the period of performance.
- Research Terms and Conditions found at < <u>http://www.nsf.gov/pubs/policydocs/rtc/termsidebyside_june11.pdf</u>> and Agency Specific Requirements found at < <u>http://www.nsf.gov/pubs/policydocs/rtc/nsf_212.pdf</u>>, except for the following:

 a. The right to initiate an automatic one-time extension of the end date provided by Article 25(c)(2) is replaced by the need to obtain prior written approval from the Prime Recipient;

b. The payment mechanism described in Article 22 and the financial reporting requirements in Article 52 of the Research Terms and Conditions and Article 9 of the Agency-Specific Requirements are replaced with Terms and Conditions (1) through (4) of this agreement; and

c. Any prior approvals are to be sought from the Prime Recipient and not the Federal Awarding Agency.

5. Title to equipment costing \$5,000 or more that is purchased or fabricated with research funds or Subrecipient cost sharing funds, as direct costs of the project or program, shall unconditionally vest in the Subrecipient upon acquisition without further obligation to the Federal Awarding Agency subject to the conditions specified in Article 34(a) of the Research Terms and Conditions.

Special terms and conditions:

1. Copyrights

Subrecipient X_grants / ______ shall grant to Prime Recipient an irrevocable, royalty-free, non-transferable, non-exclusive right and license to use, reproduce, make derivative works, display, and perform publicly any copyrights or copyrighted material (including any computer software and its documentation and/or databases) first developed and delivered under this Subaward Agreement solely for the purpose of and only to the extent required to meet Prime Recipient's obligations to the Federal Government under its Prime Award.

2. Data Rights

Subrecipient grants to Prime Recipient the right to use data created in the performance of this Subaward Agreement solely for the purpose of and only to the extent required to meet Prime Recipient's obligations to the Federal Government under its Prime Award.

3. Automatic Carry Forward: Yes No (If No, Carry Forward requests must be sent to Prime Recipient's <u>Authorized Official</u> contact, as shown in Attachment 3).

Prime Recip	ient Contacts	
Institution/Organization ("Prime Recipient")		
Name: University of Alaska Fairbanks		
Address: Procurement & Contract Services		
PO Box 757940		
City: Fairbanks State: Alaska	ZipCode: 99775-794	40
Administrative Contact		
Name: Address: University of Alaska Fairbanks		
City:	State:	ZipCode:
Telephone:	Fax:	
Email:		
Principal Investigator		
Name:		
Address: University of Alaska Fairbanks		
City:	State:	ZipCode:
Telephone:	Fax:	
Email:	<u> </u>	
Financial Contact		
Name: Rosemary Madnick		
Address: University of Alaska Fairbanks		
Office of Grants & Contracts Administration		
PO Box 757880		
City: Fairbanks	State: Alaska	ZipCode: 99775-7880
Telephone: 907-474-6446	Fax: 907-474-5506	
Email: rmadnick@alaska.edu		
Authorized Official		
Name: Deborah A. Moore, C.P.M., Assoc Director, Procurement and Research Se	rvices	
Address: University of Alaska Fairbanks		
Procurement & Contract Services		
PO Box 757940		
City: Fairbanks	State: Alaska	ZipCode: 99775-7940
Telephone: 907-474-6480	Fax: 907-474-7720	
Email: deb.moore@alaska.edu		

Attachment 3B - Research S		d Agree	ement	Subaward Number:
Institution/Organization ("Subrecipient") Subrecipient (Contacts			
Name:				
Address:				
		-		-
City:		State:		ZipCode + 4:
EIN No.: Institution Type:				
Is the Performance Site the Same Address as Above?	D			
If no, is the Performance Site the same as PI address below? OYes ONc	0			
If no to both questions, please complete 3B page 2 (if ARRA funding use Attack	hment 4A).			
			DUNS No.:	
Subrecipient currently registered in CCR? OYes ONo				Parent DUNS No.:
Is Subrecipient exempt from reporting compensation? OYes No If no , please complete 3B page 2 (if ARRA funding use Attachment 4A).			Congressional	District: Congressional District:
Administrative Contact				
Name:				
Address:				
City:		State:		ZipCode:
Telephone:	Fax:			
Email:				
Principal Investigator				
Name:				
Address:				
Cita		Ctata:		ZipCode:
City:	F	State:		
Telephone:	Fax:			
Email:				
Financial Contact				
Name:				
Address:				
City:		State:		ZipCode:
Telephone:	Fax:			
Email:				
Authorized Official				
Name:				
Address:				
, Cibe		state:		ZinCode
City:	F evi (State:		ZipCode:
Telephone:	Fax:			
Email:				FDP version 20111123

Attachment 3B - Research Subaward Agreement	
Page 2 - Place of Performance & Highest Compensated Officers	5

Institution/Organization ("Subrecipient")	
Name:	
1	
Place of Performance	
Name:	
Address:	
City:	State: ZipCode + 4:
Telephone:	Fax:
Email:	Congressional District:

The names and total compensation of the five most highly compensated officers of the entity(ies) must be listed if-

(i) the entity in the preceding fiscal year received-

(I) 80 percent or more of its annual gross revenues in Federal awards (federal contracts (and subcontracts), loans, grants (and subgrants) and cooperative agreements); AND

(II) \$25,000,000 or more in annual gross revenues from Federal awards; and

(ii) the public does not have access to information about the compensation of the senior executives of the entity through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986.

Is subaward entity exempt from reporting executive compensation?

○ Yes ○ No If no, complete the information below.

Officer 1 Name	
Officer 1 Compensation	
Officer 2 Name	
Officer 2 Compensation	
Officer 3 Name	
Officer 3 Compensation	
Officer 4 Name	
Officer 4 Compensation	
Officer 5 Name	
Officer 5 Compensation	
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Attachment 4 Research Subaward Agreement Reporting Requirements

Enter specifics regarding the type of reports(s), number of copies, formatting requirements, frequency and submittal instructions.

Attachment 5	
Research Subaward Agreement	
Scope of Work and Budget	

Scope of Work and Budget (attached

pages)