Institution/Organization ("Prime Recipient") University of Alaska Fairbanks		Institution/Organization ("Subrecipient")		
Prime Award No.:		Name: CFDA #:		
Time / Wald No		Amount Funded This Action: Est. Total (if incrementally funded)		
Awarding Agency: National Aeronautics and Space Administration				
		CFDA Title		
Subaward Period of Performance:		Estimated Project Period (if incrementally funded):		
Budget Period: From: To:		From: To:		
Project Title:				
Reporting Requirements (Check here if applicable: See Attachment 4))	FFATA (Attachment 3B) ARRA Funds (Attachment 4A)		
Te	erms &	Conditions		
1) Prime Recipient hereby awards a cost reimbursable subaward, subaward are (check one); As specified in Subrecipient's propos		ribed above, to Subrecipient. The statement of work and budget for this d; or X as shown in Attachment 5. In		
its performance of the subaward work, Subrecipient shall be an ind	depende	ent entity and not an employee or agent of Prime Recipient.		
standard invoice, but at a minimum shall include current and cumu	ulative o ent's Sub	on the partial of the state of		
3) A final statement of cumulative costs incurred, including cost sl Administrative Contact, as shown in Attachments 3A and 3B, NOT I of costs shall constitute Subrecipient's final financial report.				
 All payments shall be considered provisional and subject to adjust as a result of an adverse audit finding against the Subrecipient. Pri 		t within the total estimated cost in the event such adjustment is necessary pient reserves the right to reject an invoice.		
5) Matters concerning the technical performance of this subaward Attachments 3A and 3B. Technical reports are required as shown a		be directed to the appropriate party's Principal Investigator, as shown in Reporting Requirements".		
changes requiring prior approval, should be directed to the appropriate to the approximation of the control of	priate p	rms, conditions, or amounts cited in this subaward agreement, and any arty's Authorized Official Contact, as shown in Attachments 3A & 3B. pproval of each party's Authorized Official as shown in Attachments 3A & 3B.		
7) Each party shall be responsible for its negligent acts or omission extent allowed by law.	ns and tl	he negligent acts or omissions of its employees, officers, or director's, to the		
Attachments 3A & 3B. Prime Recipient shall pay Subrecipient for te	erminati	e to the appropriate party's Authorized Official Contact as shown in ion costs as allowable under OMB Circular A-21 or A-122 or 45 CFR Part 74 Development under Grants and Contracts with Hospitals" as applicable.		
		quests for a no-cost extension should be addressed to and received by the in thirty (30) days prior to the desired effective date of the requested		
10) The Subaward is subject to the terms and conditions of the Prir	me Awa	rd and other special terms and conditions, as identified in Attachment 2.		
11) By signing below Subrecipient makes the certifications and ass comply with applicable statutory and regulatory requirements spe http://nsf.gov/bfa/dias/policy/rtc/appc_june11.pdf .		s shown in Attachments 1 and 2. Subrecipient also assures that it will a 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, Procurement and Research Services		Name & Title Date		

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 \$100,000 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 Aeronautics and Space Administration

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:

- 1. Under the authority of 42 U.S.C. 2473(c)(5), and is subject to all applicable laws and regulations of the United States in effect on the date of this agreement, including but not limited to 14 CFR Part 1260 (Grants and Cooperative Agreements).
- 2. The restrictions on the expenditure of federal funds in appropriations acts are applicable to this subaward to the extent those restrictions are pertinent.
- 3. Research Terms and Conditions found at < http://www.nsf.gov/pubs/policydocs/rtc/nasa 708.pdf, 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.
- 4. Title to equipment costing \$5,000 or more that is purchased or fabricated with research funds or collaborator cost sharing funds, as direct costs of the project or program, shall unconditionally vest in the Subrecipent 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 (check one) 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. [Do not add a Patent or Inventions Clause. The prime award governs rights to patents and inventions. Prime Recipient cannot obtain rights in the Subrecipients's subject inventions as a part of consideration for the subaward. Should it be necessary, the Federal Government can authorize the Prime Recipient's right to practice a Subrecipients's subject invention (as well as subject data or copyrights) on behalf of the Federal Government.]
	Automatic Carry Forward: Yes No No, Carry Forward requests must be sent to Prime Recipient's <u>Authorized Official</u> , as shown in Attachment 3).

Attachment 3A Research Subaward Agreement

Subaward Number:	

Prime Recipient Contacts

Institution/Organization ("Prime Recipient")
Name: University of Alaska Fairbanks
Address: Procurement & Contract Services

PO Box 757940

City: Fairbanks State: Alaska ZipCode: 99775-7940

Administrative Contact		
Name:		
Address: University of Alaska Fairbanks		
City:	State:	ZipCode:
Telephone:	Fax:	
Email:		
Principal Investigator		
Name:		
Address: University of Alaska Fairbanks		
, radiess. Officersky of Alaska Fallbanks		
City:	State:	ZipCode:
Telephone:	Fax:	
Email:		
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 S	ervices	
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		

FDP version 20120420

Attachment 3B - Research Subaward Agreement Subaward Number: Subrecipient Contacts Subaward Number:					
Name:					
Address:					
City: State:	ZipCode + 4:				
	Zipcode + 4.				
EIN No.: Institution Type:					
Is the Performance Site the Same Address as Above?					
If no, is the Performance Site the same as PI address below? Yes No					
If no to both questions, please complete 3B page 2 (if ARRA funding use Attachment 4A).					
Subrecipient currently registered in CCR? Yes No	JNS No.: Parent DUNS No.:				
Is Subrecipient exempt from reporting compensation? OYes No	ngressional District: Congressional District:				
If no , please complete 3B page 2 (if ARRA funding use Attachment 4A).					
Administrative Contact					
Name:					
Address:					
City: State:	ZipCode:				
Telephone: Fax:					
Email:					
Principal Investigator					
Name:					
Address:					
City: State:	ZipCode:				
Telephone: Fax:	,				
Email:					
Financial Contact					
Name:					
Address:					
City: State:	ZipCode:				
Telephone: Fax:					
Email:					
Authorized Official					
Name:					
Address:					
City: State:	ZipCode:				
Telephone: Fax:					
Email:	FDP version 20111123				

Attachment 3B - Research Subaward Agreement Subaward Number: Page 2 - Place of Performance & Highest Compensated Officers Institution/Organization ("Subrecipient") Name: Place of Performance Name: Address: ZipCode + 4: City: State: 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

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
----------------------------	----------	--	-------