| April 2012 FDP Rese | arch Sub | award Agreer | ment | |
|--|--|---|------------------------------------|---|
| Institution/Organization ("Prime Recipient") University of Alaska Fairbanks | | Institution/Organization ("Subred Name: | cipient") | |
| Prime Award No.: Awarding Agency: | | Subaward No.: Amount Funded This Action: | CFDA #: Est. Total (if incremental | llv funded) |
| Air Force Office of Scientific Research | | | | ily rainasa) |
| , iii - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 | | CFDA Title | | |
| Subaward Period of Performance: Budget Period: From: To: | | Estimated Project Period (if increfrom: | ementally funded): | |
| Project Title: | | | | |
| <u>Α</u> | Any such changes made 7) Each party shall be r | FFATA (Attachment 3B) approval, should be directed to the to this subaward agreement requesponsible for its negligent acts of | uire the written approval of ea | zed Official Contact, as s ach party's Authorized O |
| 8 | Attachments 3A & 3B. | ninate this subaward with thirty da Prime Recipient shall pay Subrec for Determining Costs Applicable | ipient for termination costs as | s allowable under OMB (|
| , | , | equire the approval of the Prime Ract, as shown in Attachments 3A | • • | |
| 1 | 0) The Subaward is su | bject to the terms and conditions | of the Prime Award and other | r special terms and cond |
| | comply with applicable s | brecipient makes the certification statutory and regulatory requirem blicy/rtc/appc_june11.pdf | | 1 |
| 5) Matters concerning the technical performance Attachments 3A and 3B. Technical reports are | | | | estigator, as shown in |
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| By an Authorized Official of Prime Recipient | - | By an Authorized Official o | f Subrecipient | |
| Deborah A. Moore, C.P.M., Assoc Director, Procurement and Research Services | Date | 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 of 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 mak 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 Mer of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the Subrecipient shall complete and sul mit 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 **AFOSR**

Agency-Specific Certifications/Assurances

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

General terms and conditions:

1. The restrictions on the expenditure of federal funds in appropriations acts are applicable to this subaward to the extent those res are pertinent.

3. DoD 3210.6-R, Department of Defense Grants and Agreement Regulations, including addenda in effect as of the beginning date

- 32 CFR Part 32 or 32 CFR Part 33 as applicable.
- period of performance.
- Research Terms and Conditions found https://www.nsf.gov/pubs/policydocs/rtc/termsidebyside_june1 Agency Specific Requirements found attp://www.nsf.gov/pubs/policydocs/rtc/agencyspecifics/afosr 312exdept for the following:
 - a. The right to initiate an automatic one-time extension of the end date provided by Article 25(c)(2) of the Research Terms and

| | Conditions 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 Conditions and Article 11 of the Agency-Specific Requirements are replaced with Terms and Conditions (1) through (4) of this |
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| | Subaward 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 collaborator cost sharing funds direct costs of the project or program, shall unconditionally vest in the collaborator upon acquisition without further obligation to Federal Awarding Agency subject to the conditions specified in Article 34(a) of the Research Terms and Conditions. |
| | Special terms and conditions: |
| Su an | Copyrights abrecipient X grants / shall grant (check one) to Prime Recipient an irrevocable, royalty-free, non-transferable, non-exclusive d license to use, reproduce, make derivative works, display, and perform publicly any copyrights or copyrighted material (including mputer software and its documentation and/or databases) first developed and delivered under this Subaward Agreement solely for pose of and only to the extent required to meet Prime Recipient's obligations to the Federal Government under its Prime Award. |
| Su | Data Rights bridge of the properties of the right to use data created in the performance of this Subaward Agreement solely for the properties of the propert |
| | Automatic Carry Forward: Ye No No, Carry Forward requests must be sent to Prime Recip <u>Aurthsprized Official</u> as shown in Attachment 3). |
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| | | Subaward Number: |
|--|-------------|------------------|
| Institution/Organization ("Subrecipient") | | |
| Name: | | |
| Address: | | |
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| City: | State: | ZipCode + 4: |
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| Subrecipient currently registered in CCR? CYes ONo | DUNS No.: | |
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| | Congression | al District: |
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Attachment 3B - Research Subaward Agreement Subaward Number: Page 2 - Place of Performance & Highest Compensated Officers Institution/Organization ("Subrecipient") Name: Place of Performance Name: Address: City: ZipCode + 4: 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? O Yes O 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

| ng the type of reports(s), | , , | | |
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Attachment 5 Research Subaward Agreement Scope of Work and Budget

| Scope of Work and Budget | attached | | pages) |
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