



**National Park Service
U.S. Department of the Interior**

NOTICE OF INTENT TO AWARD

This Funding Announcement is not a request for applications. This announcement is to provide public notice of the National Park Service (NPS)'s intention to fund a Task Agreement against an existing Master Agreement.

ABSTRACT	
Funding Announcement	P16AS00259
Project Title	National Park Service- Cutthroat trout hybridization and population genetics in the Lamar River
Recipient	University of Montana
Total Anticipated Award Amount	\$29,668
Cost Share	<i>None Required</i>
Anticipated Length of Agreement	Through 5/31/20
Anticipated Period of Performance	Through 5/31/20
Award Instrument	Cooperative Agreement (task award)
Statutory Authority	<i>54 U.S.C. §100703, Cooperative Study Units</i>
CFDA # and Title	<i>15.945, Cooperative Research & Training Programs</i>
Point of Contact	Katie Gaertner, Grants Management Specialist

OVERVIEW, RECIPIENT AND NPS SUBSTANTIAL INVOLVEMENT

The University of Montana (UMT) will collaborate with the National Park Service (NPS) to perform the genetic analysis of samples provided by NPS and MSU (Kurt Heim). This will include DNA extraction and genotyping individuals at 95 SNP loci using a 'SNP chip' developed for Yellowstone Cutthroat Trout. The recipient will analyze 750 samples (\$45 per sample; \$33,760 total) from the Lamar River drainage in Yellowstone National Park. The raw data and results of analyses will be provided to NPS and MSU (Kurt Heim) annually.

Substantial involvement on the part the National Park Service (NPS) is anticipated for the successful completion of the objectives to be funded by this award. NPS staff will assist with describing the goals, jointly developing the scope and the activities to be accomplished. This must be combined with other substantial involvement, such as providing technical assistance or any of the statements listed below, that goes beyond Federal stewardship responsibilities. NPS staff will assist the recipient in selecting projects, provide orientation to park resources, oversee assignments, teach new skills, distribute tools and equipment and provide technical assistance and safety training. NPS is working in collaboration with MSU (Kurt Heim) to complete this project. The NPS will provide field support, housing, and equipment during the duration of this agreement. NPS personnel will assist in collecting genetics samples and interpreting data and producing publications and reports.

NPS did not solicit full and open competition for this award based the following criteria:

The cooperator is a member of an established Cooperative Ecosystem Studies Unit (CESU) network, and was awarded a Cooperative Agreement (P14AC00749) allowing UMT to participate in specific tasks, and can provide the necessary activities involved in this particular task while providing an effective outcome for the National Park Service and the research and/or education project. Three members of the Cooperative Ecosystem Studies Unit (CESU) network were considered for this award and UMT was selected based on of the Conservation Genetics Laboratory's renown as a premier fish and wildlife genetics labs. This is a continuation of the Master Agreement.