The Proposal Program is funded by the National Park Service and the UW-NPS Research Center at the University of Wyoming. It is limited to US academic institutions, government and NGO researchers conducting their studies in the Greater Yellowstone Area.

Priority will be given to outstanding research proposals with potential for significant contributions which meet park research needs (see attached list), may be best addressed in a park setting, or include researchers using the UW-NPS Research Station in Grand Teton National Park. These awards may be used as seed money to initiate promising new research programs. It is essential that contact be made with the park in advance to ensure that the research is compatible with park management. The proposal must identify the individual from the park unit who was contacted. The researcher must provide evidence that all necessary permits can be obtained to conduct the research.

Project Investigators
The scientist(s) submitting a research proposal is (are) expected to be the designated project investigator(s). The project investigator(s) must be a faculty member of an academic institution, or be a full time member of a governmental or NGO research institution. Fiscal accountability must be assigned to the respective research institution. Undergraduate and graduate students cannot be lead project investigators.

Types of Research Proposals
All investigators desiring to work out of the UW-NPS Research Station in Grand Teton National Park must submit a research proposal. Also, if residence at the station is needed, the housing application attached to this RFP must be submitted with the proposal. Proposals for the Grant Program will usually be seeking partial or total support for a new research project. These proposals will require less than one year to complete and a budget of $5,000 or less with no overhead or indirect costs. No more than $500 will be allowed for faculty supervision of field work and writing of the final report. General proposals may have partial or complete outside funding for research to be conducted at or through the Research Station. In those situations, proposals are to be submitted for Station approval regardless of funding. These proposals should be designed to be completed within one year.

Proposal Preparation
All research proposals seeking fiscal support from the Research Center’s Proposal Program shall be prepared using the following format. Please limit proposals to 6-8 pages plus cover sheet and budget.

Cover Sheet (see Appendix A)
Generally, the authorized representative of the sponsoring institution will be the university president, agency or NGO supervisor or his/her designee.

Justification and Scope
Include here a clear statement of the problem with well-defined objectives of the proposed research. This section should demonstrate the degree of scientific knowledge with respect to relevant literature and "state of the art" research methods, potential problems which may be encountered and the general approach to be used.

Significance
Discuss the significance or potential application of information to be derived from the proposed study. This should include a description of the expected final product, i.e. a technical journal article and/or a tool for resource management.
Methods
This section should contain a clear statement of research design and methods, i.e. location of study sites, facilities required, National Park Service or other agency assistance required (collecting permits, data and records, equipment, special study area requirements, etc.), as well as other research techniques. At the time of proposal submission, approval for these study requirements should have been obtained from the concerned park and/or other resource agencies.

Budget
Budget must include time and rates for all salaries. PI salary is limited to $500 including fringe benefits. Indirect cost and overhead is not allowed. Cost share or matching funds are not required and should not be included in the proposal.

Travel mileage charges shall not exceed $0.54/mile. Equipment is defined as a unit costing more than $5000 and having a shelf life of more than 1 year. All equipment purchased with Research Station funds remain the property of the Research Station.

Other Resources and Support
Please include information about other resources at the PI’s disposal that will enhance the proposed research.

Budget Justification
A budget justification is required that justifies the expenditures.

Biographical Sketch of Project Investigator(s)
Include pertinent research projects, dates, amount and source of funding and scientific publications and reports. This brief summary should not exceed 1 page/person.

Final Report
A Final Report is required to complete a research contract agreement: This report will appear in our online UW-NPS Annual Report available at http://repository.uwyo.edu/uwnpsrc_reports/. Email the final report by January 1 in the year following the project competition to uwnps@uwyo.edu. In addition, investigators may be requested by the Park Superintendent to complete a brief annual report for park purposes; contact Brendan Moynahan <Brendan_moynahan@nps.gov> to determine any requirements.

Publication in Open Literature
In addition to the project Final Report that will appear in the Center’s on-line Annual Report, investigators are strongly encouraged to publish findings in scientific journals or other publications, as appropriate. All such publications from projects that have been supported with funding from UW-NPS or that have been conducted using Station facilities for housing, laboratory or other space must included the following acknowledgement: “This work was partially supported by the University of Wyoming –National Park Service Research Center http://www.uwyo.edu/uwnps).”

Also, once published, a full citation and an electronic pdf copy of any such publication must be sent by investigators to the UW-NPS Research Center office at uwnps@uwyo.edu.

Specimen Collections
National Park Service (NPS) regulations and management policies require accountability for specimens collected in parks. Projects which involve specimen collecting are subject to curatorial requirements which should be included in the contract schedule. These requirements include accessioning and cataloging the specimens in the NPS museum collection (National Catalog) according to guidelines in the Museum Handbook - Park II and the Users Manual for the Automated National Catalog System (ANCS). This document is available from the National Park Service, Chief of the Branch of Science, Rocky Mountain Regional Office.

It is required that specimens being placed in a non-NPS repository be loaned to the repository. Park staff are responsible for completion of necessary loan documents. If a study involves the destruction of collected specimens, those specimens are not cataloged in the NPS National Catalog. The data are to be made public and reports filed with the appropriate officials. Special considerations and/or constraints related to any research project require that procedures addressing the foregoing should be clearly developed by the park collection manager/curator and the project investigator. Such procedures should be reflected in any research proposal being submitted to the Research Station.

Proposal Submission
ELECTRONIC SUBMISSIONS ONLY. Submissions should be submitted in PDF format to: uwnps@uwyo.edu. The coversheet, with appropriate original signature can be submitted as a separate PDF.

Proposal Evaluation
Before submission, each proposal should be reviewed by the investigator(s) for qualitative fulfillment of preparation criteria. All proposals will be subjected to the following review process:

1. A 6-member UW-NPS Research Station Review Committee composed of UW faculty and NPS scientists will review and make the final evaluation of all proposals seeking funding support.

2. In the meeting of the Review Committee, reviews by the Park personnel and University of Wyoming faculty are evaluated and selection of proposals for funding are made.

Notification of Proposal Status
Each project investigator will be notified of the Review Committee’s action on their proposal no later than March 31, 2016. Budgetary details and negotiations will then be undertaken.

1/7/16 RFP and guidelines mailed to potential researchers
3/7/16 Last day proposals accepted.
3/31/16 Research proposal acceptance/denial notification.
5/2/16 Initiation of contract, start field work as appropriate.
1/1/17 Report due to UW NPS Research Center.
The Hank Harlow Summer Seminar Series continues to be very popular, with over 1,500 people attending. This year we had record attendance. Ten seminars covered topics of interest to locals and researchers alike including; badgers, honeybee colony collapse, Sage grouse. This and Gordy’s work to have the meal’s catered by Signal Mountain Lodge made the seminars the place to be on Thursdays in the summer.

Eleven classes came to the station to study topics ranging from Field Ecology, Geology, Social Science to Art. Classes came from UW, Texas, Utah, California and Oklahoma.

The AMK was home to twelve workshops and meetings this season. The participants came from across the globe to discuss issues of climate, international wildlife issues, environmental security, historic building restoration, landscape painting and the Wyoming Migratory paths (photo above). The station is an ideal location for conferences with a fabulous view, reasonable prices and just enough isolation to keep the meetings focused.

The Station hosted over 35 Research teams this year. Topics of research included Ecology, Geology, Water Quality, Fish and Wildlife Biology, Social Sciences and Cultural/ Historic Restoration. Researchers came from University of Wyoming, Wyoming Community Colleges, 17 other universities and 6 federal and state agencies. The groups ranged from two to seven people. Some staying from a few days to over a month.

Research topics included:
Cultural History of Snake River Rafting, Small mammals and fire ecology, Historic Building Conservation and Restorations, River Otters, Fire and Climate Change, Aquatic Invasive Species, Spider ecology/biogeography and Jenny Lake archaeology.

The UW-NPS Research Station hosted two interns selected by Grand Teton National Park, two guest interns in Ecology/ Sustainability and it’s first literature intern and first artist-in–residence UW faculty member composer Anne Guzzo who was writing music inspired by the surroundings.
COVERSHEET

Research Station REPORT

PROPOSAL NO: ____________

EVALUATION RATING: ____________

FINAL ACTION: ____________

(Administrative Use Only)

Name of Principal Investigator:

Title or Status:

Department:

Institution:

Address: (City) _______ (State) _______ (Zip) _______

Telephone: Office: _______ Dept: _______ Home: _______

E-Mail Address:

Name or Names of Co-Investigators:

Project

Title: ____________

DUNS Number.

Budget spreadsheet

Funding Required:
Amount Requested from Research Station: $__________ Amount of Other Support: $__________

Date of Project Initiation: ____________ Date of Termination: ____________

Will Housing be Required: ( ) Yes ( ) No  If Yes, please include a housing request form:

Date:

Signature of Authorized Representative of Sponsoring Institution

Name*: _______ Title: _______

Address: _______

Institution Contract Officer To Whom Contract Correspondence Should Be Sent:

Name: _______ Address: _______ Phone: _______

*All grants will be made payable to the sponsoring institution for disbursement to project investigators. Signatures on this document acknowledge that if a research project is approved, the investigator will provide the Research Station with prescribed reports as scheduled in the award.
2016 CALL—APPLICATIONS DUE FEBRUARY 5, 2016

The Grand Teton Association offers a fellowship of up to $10,000/project for graduate studies focused on documenting aspects of the Greater Yellowstone Ecosystem, including Grand Teton and Yellowstone National Parks, the John D. Rockefeller, Jr., Memorial Parkway, and surrounding lands. Emphasis areas are lesser-known ecosystem elements such as air and water; geologic or other processes; plants, insects, reptiles, amphibians, fungi; natural soundscapes; and social science related to public understanding of natural resources use or management.

Graduate students pursuing a Master’s or Doctoral degree are invited to submit proposals to be judged on the following:

- **The value of information** to be gained by the scientific community and by land or resource managers
- **The clarity of problem definition** and uniqueness of the proposed approach
- **Technical soundness** of the proposed study
- **Qualifications** of the student and their major advisor/institution, and
- **Completeness of proposal**, which must present a budget clearly indicating the percent of support provided by this fellowship compared to other sources of support.

We encourage proposals that cover a major portion of studies which are new or only recently begun but are not fully funded. Projects may extend over several seasons, and must comply with appropriate agency regulations and permits (separately administered from this fellowship). Seasonal summer housing may be available at the UWNPS Research Center in Grand Teton NP—if desired, project budgets should include housing costs at $15/night and housing should be requested separately (http://www.uwyo.edu/uwnps/). Students are expected to provide a summary report or publication and one or more educational products to facilitate information transfer beyond the scientific audience, such as a presentation to site managers, the public, or a non-technical article.

**Fellowship Program Schedule:**

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<th>Date</th>
<th>Event</th>
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<tr>
<td>November 20, 2015</td>
<td>Call for 2016 Boyd Evison Fellowship proposals</td>
</tr>
<tr>
<td>February 5, 2016</td>
<td>Fellowship applications must be postmarked</td>
</tr>
<tr>
<td>April 4, 2016</td>
<td>Fellowship awarded</td>
</tr>
<tr>
<td>Summer 2016</td>
<td>Research begins</td>
</tr>
<tr>
<td>December 30, 2017</td>
<td>Completion of project (degree may be conferred later)</td>
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The fellowship is supported by private donations and honors Boyd Evison, one of the National Park Service’s greatest leaders and supporters of expanding scientific knowledge to help shape wise management decisions and maintain uncompromised native resources. After his exemplary NPS career, Mr. Evison directed the Grand Teton Association prior to his death in 2002. Information on previous fellowship awardees can be found at [http://greateryellowstonescience.org/research/fellowships](http://greateryellowstonescience.org/research/fellowships).

**Applications must be postmarked by February 5, 2016.**

**Send to:** Boyd Evison Graduate Fellowship, Grand Teton Association,

P.O. Box 170, Moose, Wyoming 83012; or email: Jan_Lynch@partner.nps.gov

For more information, contact Jan Lynch, GTA Executive Director, 307-739-3406 or Sue Consolo-Murphy, Grand Teton National Park Chief of Science& Resource Management, at 307-739-3481

Applications can be found at [www.uwyo.edu/uwnps](http://www.uwyo.edu/uwnps)

**Information about previous fellowship awardees and project titles can be found at our website**

[http://greateryellowstonescience.org/research/fellowships](http://greateryellowstonescience.org/research/fellowships)

**Send to:** Boyd Evison Graduate Fellowship, Grand Teton Association,

P.O. Box 170, Moose, Wyoming 83012; email: Jan_Lynch@partner.nps.gov

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Our WEB PAGE is [http://www.uwyo.edu/uwnps](http://www.uwyo.edu/uwnps)
NAME: ______________________________ DATE: ____________________________
ADDRESS: ______________________________________________________________________
INSTITUTION AFFILIATION: ________________________________________________________
AREA OF STUDY: __________________________________________________________________
WEBSITE: _______________________________________________________________________
EMAIL: __________________________ PHONE: ______________________________

DATES OF RESIDENCE AT THE RESEARCH STATION

RATES This year are $15.00 per person per night.

<table>
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<tr>
<th>Use additional lines for multiple dates</th>
<th>Arrival date</th>
<th>Departure date</th>
<th>Number in party</th>
<th>Number males</th>
<th>Number females</th>
<th>Number of rooms requested</th>
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You will be charged for all the dates you have reserved unless you cancel one week in advance of the reservation arrival date.

All research groups staying at the AMK Ranch are required to provide a report of their stay to the UW NPS Research Center by January 1st 2017. Classes are required to provide a summary of objective/goals of the class/course and several pictures of the class activities. Send the report to uwnps@uwyo.edu. Because housing at the station is subsidized by the UWNPS Center, any work related to your stay at the station must include the following acknowledgement: “This work was partially supported by the University of Wyoming National Park Service Research Center (http://www.uwyo.edu/uwnps).”

COMPOSITION OF YOUR PARTY:

Please realize that space at the AMK is limited and families will be accommodated only after active researchers have been placed in housing.

Family Members: Wife or Husband: ______ Children: ______
Number of Non-Family Members (specify sex) requiring separate space: __________

RESEARCH STATION HOUSING PREFERENCE (see website at http://www.uwyo.edu/uwnps/facilities/)

First Choice: __________________
Second Choice: __________________

SPECIAL RESEARCH EQUIPMENT AND SPACE NEEDS AT STATION: Lab space is at a premium. Do not expect lab space when you arrive if prior arrangements have not been made.

For specific questions please email Harold Bergman (Bergman@uwyo.edu) or uwnps@uwyo.edu.

Housing Application is also online at http://www.uwyo.edu/uwnps/! 
HYDROLOGY, AIR QUALITY AND GEOLOGY
Use of LiDAR for habitat characterization and change analysis, especially in alpine and sub-alpine areas
Use of LiDAR for fire fuels modeling
Effects of cloud seeding on climate change modeling and analysis in the GYA
Use of LiDAR to identify geologic hazards
Relating trends in glacier mass balance to down-scaled regional vs. local climate data
Compiling and analyzing local stream temperature data for change/trends, assessing implications of warming temps for water quality and aquatic species survival
Effects of dam removal on snowmelt dominated streams: long term analysis for Spread Creek
Change analysis techniques for assessing habitat change from aerial photography (NAIP imagery)
Development of a water quality monitoring protocol for Huckleberry Hot Springs and Kelly Warm Spring
(For questions about geologic and hydrologic studies, contact Kathy Melander, Hydrologist/GIS Specialist, 307-739-3493)

ECOLOGY, VEGETATION AND SOILS
Predicting the spread of cheatgrass in relation to climate change on a local scale in Grand Teton National Park
Soil food web study of Kelly hayfields to determine differences between native and agricultural soils
Investigate effects of earlier plant flowering on pollinators and/or wildlife
For questions about studies of vegetation & soils, contact Kelly McCloskey, ecologist, 307-739-3678.

FISH AND WILDLIFE
Broad themes of interest:
Investigate climatic influences to aquatic and terrestrial habitats of fisheries and wildlife
Evaluate effects of aquatic and terrestrial invasives on wildlife and their habitats
Mitigate human and wildlife conflicts
Evaluate the effects of contaminants, pathogens, and disease on fisheries and wildlife
Monitor and research threatened and endangered species

Specific study needs:
Potential overlap in diet and habitat use of mountain goats and bighorn sheep in Grand Teton NP
Seasonal movements and habitat use of sage grouse in Grand Teton NP
Occurrence of lynx in and around Grand Teton NP
Ecological and/or human factors associated with long-term decline of nesting great blue herons in Grand Teton
Distribution and genetics of Northern leatherside (Lepidobates cophi) in GTNP
Strategies for controlling/eliminating exotic aquatic species (brook trout, rainbow trout, New Zealand mudsnails) in GTNP
Identify tributaries to Jackson Lake for cutthroat trout recruitment
Investigate fish entrainment and water rights in selected irrigation ditches within the park
Investigate distribution, abundance, and species occurrence of bats. Locate roosts, nurseries, and hibernacula.
(For questions about fish & wildlife projects, contact Dave Gustine, Branch Chief of Fish and Wildlife Program, 307-739-3485)

SOUNDSCAPES AND WILDERNESS

HISTORY
Assess how transportation noise influences visitor experiences and in the park’s frontcountry and wilderness.
Develop an acoustic map of natural and nonnatural sounds at popular visitor destinations and hiking trails.
(For questions about soundscape and wilderness projects, contact Shan Burson, bioacoustic ecologist, 307-739-3584)

HISTORY AND PRESERVATION
Create a map of all original 26 homesteads at Mormon Row and conduct field surveys to determine the presence of homestead remains; research and document how the majority of the homesteads were ultimately lost
Complete a history of the Civilian Conservation Corps’ involvement in Grand Teton National Park, including road, trail, and building construction and clean-up work conducted around Jackson Lake
Research and document the history and chronology of trail development in Grand Teton National Park and develop evaluation context
Complete a history of the elk reduction program in Grand Teton National Park
Conduct a condition assessment and create a preservation plan for the Hunter Herford Ranch
Study and analyze energy efficiency in historic log buildings and propose compatible, sustainable retrofits to improve energy efficiency in occupied log buildings
Research and document the Buffalo Fork Ranger Station
(For questions about history and preservation topics, contact Shannon Dennison, Branch Chief of Cultural Resources, 307-739-3671)

ARCHEOLOGY
Determine feasibility of geophysical remote sensing at a significant archaeological encampment site, and implement technology-aided mapping techniques to develop detailed site map that captures tipi rings and stone alignments
Conduct ice patch archaeology survey and write survey report
Reassess documented lithic scatter sites for the presence of stone circles and update ASMIS database
Create a field guide to the classification of common projectile points in Grand Teton National Park
(For questions about archeology topics, contact Breelyn VanFleet, archeologist, 307-739-3666)

MUSEUM COLLECTIONS
Conduct preliminary research on mountain climbing history in Grand Teton National Park and conduct oral history interviews within the local climbing community
Identify subjects and document provenance for historic images of Grand Teton NP
Complete an initial context study of “imaging Grand Teton National Park,” a history of painters, film makers, and artists
(For questions about museum topics, contact Bridgette Guild, museum curator, 307-739-3494).
Many of these projects are ideal for a graduate student with supervision.