

2020-2021 Student Scholarships/Fellowships

Department of Zoology and Physiology

The Department of Zoology and Physiology Scholarships/Fellowships support graduate and undergraduate research activities in the fields of ecology, evolution, genetics, and physiology. Through these awards, the Department aims to support the greatest number of students possible within the funding constraints provided by specific awards. This document provides information about the application process and award requirements.

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How to apply: All applications must be submitted through the [University of Wyoming WyoScholarships portal](#). There will be two 1-hour on-boarding meetings (via Zoom) on Friday, 22 January 2021 (1-2PM MST) and Monday, 25 January 2021 (1-2PM MST). [Link to Zoom meeting](#).

Submission guidelines: Submission requirements and eligibility vary by award. Many awards require a project description, a current curriculum vitae, research budget, and a statement about your current financial support. Details for each award are listed on the following pages and on the [University of Wyoming WyoScholarships portal](#).

Submission deadline: All applications must be submitted by **11:59PM on 15 February 2021**.

Review Process and Award Notification: Each submission will be reviewed independently by 2-3 University of Wyoming faculty members. Every effort will be made to avoid any conflict of interest (e.g. committee membership) by selected faculty reviewers. Notification of awards: 15-March-2021.

Award tax information: Tax implications vary by award. Although we will provide some guidance from resources on campus, we encourage students to seek advice on tax implications of awards.

Final reports: For awards \$500 or more, a final report is required and should include: (i) A brief statement (250 word maximum) describing how funds were used, and (ii) at least three media items (photographs/videos) showing some aspect of your research activities (e.g. photographs of you and/or your research team working in the field, photographs of lab activities)

Award Descriptions: Award information from WyoScholarships is listed here for your convenience. To apply, simply search for the award name on WyoScholarships. Also note that, if the information listed here differs, WyoScholarships takes precedence.

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Dr. George Menkens Memorial Scholarship

This scholarship supports Ph.D. candidates in ecology, evolution, wildlife, or fisheries *that have completed their prelims* and are in the advanced stages of their graduate careers. Funds may be used for research support or for one or more semesters of student stipend. Applicants must be graduate students in the department of Zoology and Physiology. Previous awardees are not eligible. If you have received this award in the past, please do not apply. Awards are typically ~ \$15,000.

To apply:

1. Submit a single .pdf file with the following components:
 - a. 5-page NSF-style research proposal that includes Introduction, Objectives, Approach, References, and Budget sections.
 - b. Budget: if applying for a stipend, you may request anything from summer to a full year of support; if applying for research support, describe what the funds will be used for. In either case, clearly justify your budget request by describing how the support will enhance your research productivity and future success.
 - c. No more than 2 page CV that includes names and contact information for 2 references.
2. Please briefly describe your current funding for tuition, stipend, and research. How might this change in the next year? (online text entry box)

L. Floyd Clarke Fund in Zoology & Physiology, Graduate Scholar & Greater Yellowstone Ecosystem Award

Undergraduate and graduate students in the Department of Zoology and Physiology are eligible. You may only apply for one of the two awards.

Graduate Scholar Award

Dr. L. Floyd Clarke was a distinguished faculty member of the department and was its second Head serving in this capacity for 23 years from 1945 to 1968. During the summer he served for many years as the Director of the Jackson Hole Research Station. Dr. Clarke's family and friends established the Graduate Scholar Award to support and recognize a research proposal of one or more outstanding graduate students in the early phase of a research project in the Department of Zoology and Physiology. Awards are typically ~\$2000.

To apply, submit a single .pdf file that includes:

1. 2-page NSF GRFP-style research proposal that clearly conveys the broad significance of the science, your approach to completing the project, and a budget section with an itemized list of proposed expenditures and justification.
2. 1-page CV that clearly lists name and contact information for your research advisor.

Greater Yellowstone Ecosystem Award

To recognize the contribution of Dr. L. Floyd Clarke, as first Director of the University of Wyoming-National Park Research Station, an annual award is made to a student conducting research in social, biological or physical sciences within the Greater Yellowstone Area. Both graduate and undergraduate students are eligible for this award based upon academic merit and the contribution of the work improving our understanding of and/or assisting in management decisions within the GYA. Awards are typically ~\$2000.

To apply, submit a single .pdf that includes:

1. 2-page NSF GRFP-style research proposal that clearly conveys the significance of the science for the GYE, your approach to completing the project, and a budget section with an itemized list of proposed expenditures and justification.
2. 1-page CV that clearly lists name and contact information for your research advisor.

For both awards, you'll also need to address the following in an online text box:

If you are a graduate student, please briefly describe your current funding for tuition, stipend, and research. How might this change in the next year?

If you are an undergraduate student, please briefly explain your current funding for tuition, room and board, and, if applicable, for research.

Michael and Linda Tiernan Scholarship and Research Fund

This fund supports graduate and undergraduate students in the Department of Zoology & Physiology. Funds can be used to cover tuition, fees, books and living expenses, and/or in support of student research. Preference will be given to graduate support, and to students focused on wildlife or fisheries management and/or ecology. Outstanding undergraduate researchers may be considered. Awards are typically ~\$3000.

To apply,

1. Submit a single .pdf file that includes:
 - (a) 2-page NSF GRFP-style research proposal that clearly conveys the broad significance of the science, your approach to completing the project, and a budget section with an itemized list of proposed expenditures and justification.
 - (b) 1-page CV that clearly lists name and contact information for your research advisor.
2. *If you are a graduate student*, please briefly describe your current funding for tuition, stipend, and research. How might this change in the next year? *If you are an undergraduate student*, please briefly explain your current funding for tuition, room and board, and, if applicable, for research. (online text entry box)

Margaret and Sam Kelly Ornithology Research Fund

This scholarship is awarded to outstanding graduate or undergraduate students studying ornithology. Specific research areas to be supported by the Margaret and Sam Kelly Ornithology Research Fund include (1) ornithology, specifically the study of hummingbirds, waterfowl, and sage grouse, and their habitats, and (2) wildlife diseases that affect wild bird populations, particularly but not exclusively West Nile virus. Awards are typically ~\$800.

To apply,

1. Submit a single .pdf file that includes:
 - (a) 2-page NSF GRFP-style research proposal that clearly conveys how the proposed work relates to the goals of the scholarship, your approach to completing the project, and a budget section with an itemized list of proposed expenditures and justification.
 - (b) 1-page CV that clearly lists name and contact information for your research advisor.
2. *If you are a graduate student*, please briefly describe your current funding for research. How might this change in the next year? *If you are an undergraduate student*, please briefly explain your current funding for research. (online text entry box)

Lyman and Margie McDonald Research Awards for Quantitative Analysis in Wildlife and Fisheries Ecology

These scholarships are intended to promote and enhance quantitative research in wildlife and/or fisheries ecology and preferably to provide summer research support (e.g., research related expenses and summer stipend). Support is for graduate students in the Departments of Zoology & Physiology and Mathematics and Statistics, with preference given to applicants who are actively engaged in both departments and who are actively developing or adapting new statistical approaches for wildlife/fisheries issues. Awards are typically ~\$3000.

To apply,

1. Submit a single .pdf file that includes:
 - (a) 2-page NSF GRFP-style research proposal describing planned research including statistical analysis approaches to be developed or implemented and a budget section with an itemized list of proposed expenditures and justification (funds may be used for research expenses and summer stipend).
 - (b) 1-page CV that clearly lists name and contact information for your research advisor.
2. Please briefly describe your current funding for your stipend and research. How might this change in the next year? (online text entry box)

WEST Research Awards for Quantitative Analysis in Wildlife and Fisheries Ecology

These scholarships are intended to promote and enhance quantitative research in wildlife and/or fisheries ecology and preferably to provide summer research support (e.g., research related expenses and summer stipend). Support is for graduate students in the Departments of Zoology & Physiology and Mathematics and Statistics, with preference given to applicants who are actively engaged in both departments and who are actively developing or adapting new statistical approaches for wildlife/fisheries issues. Awards are typically ~\$3000.

To apply,

1. Submit a single .pdf file that includes:
 - (a) 2-page NSF GRFP-style research proposal describing planned research including statistical analysis approaches to be developed or implemented and a budget section with an itemized list of proposed expenditures and justification (funds may be used for research expenses and summer stipend).
 - (b) 1-page CV that clearly lists name and contact information for your research advisor.
2. Please briefly describe your current funding for your stipend and research. How might this change in the next year? (online text entry box)

Robert A. Jenkins Undergraduate Research Award

Scholarship support for juniors performing faculty-supervised research in the laboratory sciences of physiology, genetics and/or molecular, cellular and developmental biology within the Department of Zoology and Physiology at the University of Wyoming. Awards are typically ~\$2500.

To apply,

1. Submit a single .pdf file that includes:
 - (a) 2-page NSF GRFP-style research proposal that clearly conveys the broad significance of the science, your approach to completing the project, and a budget section with an itemized list of proposed expenditures and justifications.
 - (b) 1-page CV that clearly lists name and contact information for your research advisor.
2. Please briefly describe your current funding for your research. How might this change in the next year? (online text entry box)

Vern Bressler Fisheries Fund - Student Scholarship

Vern Bressler was a businessman, fishing guide, avid angler, and environmental activist in Jackson, Wyoming. The Vern Bressler Scholarship commemorates his interest in the perpetuation of ecosystems that support wild trout in the Rocky Mountain West. The scholarship is awarded to junior or senior undergraduate students or graduate students who study the biology and management of aquatic habitats. First preference is for students studying coldwater fisheries. Awards typically range from \$1500 - \$6000.

To apply,

1. Submit a single .pdf file that includes:
 - (a) 2-page NSF GRFP-style research proposal that clearly conveys the significance of the science and relevance to the goals of the fellowship, your approach to completing the project, and a budget section with an itemized list of proposed expenditures and justification.
 - (b) 1-page CV that clearly lists name and contact information for your research advisor.
2. *If you are a graduate student*, please briefly describe your current funding for tuition, stipend, and research. How might this change in the next year? *If you are an undergraduate student*, please briefly explain your current funding for tuition, room and board, and, if applicable, for research. (online text entry box).

Jackson Hole One Fly - Dennis Andersen Memorial Scholarship

This scholarship is awarded to outstanding graduate students working on biology and management of aquatic ecosystems in the Department of Zoology and Physiology at the University of Wyoming. Awards to fund scholarship, research equipment and support, and/or travel for students interested in the biology and management of aquatic ecosystems. Awards are typically ~\$900.

To apply,

1. Submit a single .pdf file that includes:
 - (a) 2-page NSF GRFP-style research proposal that clearly conveys the significance of the science and how the fellowship would further your research in aquatic ecology, your approach to completing the project, and a budget section with an itemized list of proposed expenditures and justification.
 - (b) 1-page CV that clearly lists name and contact information for your research advisor.
2. Please briefly describe your current funding for tuition, stipend, and research. How might this change in the next year? (online text entry box).

Women in Conservation Biology, Ecology & Education Fellowship

This fellowship funds female graduate students with demonstrated excellence in conservation biology/ecology and/or ecology education and outreach, not intended for graduate study in the College of Education. Applicants must be enrolled in the Departments of Botany or of Zoology and Physiology at the University of Wyoming. The fellowship will fund studies related to (1) conservation biology and ecology, and (2) education to bring the science of ecology to the public. Applications that propose to integrate science with educational outreach are especially encouraged. The fellowship can be used for travel and per diem expenses for extended study, but not to attend a conference where a presentation by the student will not be made. Awards are typically ~\$1500.

To apply,

1. Submit a single .pdf file that includes:
 - (a) 2-page description of conservation research, education, and outreach activities and goals with a brief budget justification indicating how the funds will be used to further those goals.
 - (b) 1-page CV that clearly lists name and contact information for your research advisor(s).
2. Please briefly describe your current funding for tuition, stipend, and research. How might this change in the next year? (online text entry).