

2022-2023 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.

Contact: Dr. Patrick Kelley (jkelle24@uwyo.edu), Dr. Michael Dillon (Michael.Dillon@uwyo.edu)

How to apply: All applications must be submitted through the [University of Wyoming WyoScholarships portal](#). There will be two 1-hour on-boarding meetings in the coming year (via Zoom) TBD.

Submission guidelines: Submission requirements 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 [University of Wyoming WyoScholarships portal](#).

Submission deadline: All applications must be submitted by: TBD

Eligibility: Eligibility varies by award. See award description for details.

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: Specific tax reporting requirements vary by award. Information about tax reporting requirements will be provided after funds have been awarded.

Final reports: For awards \$500 or more, a final report is required. The final report will include (i) A brief statement (250 word maximum) describing how funds were used, and (ii) at least three media (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)

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Award Descriptions

Dr. George Menkens Memorial Scholarship

Eligibility: Graduate students in the Department of Zoology & Physiology. Previous awardees are not eligible.

Award amount (subject to change): \$15,000

Description: This scholarship supports Ph.D. candidates in ecology, evolution, wildlife, or fisheries that have completed their preliminary/qualifying examinations 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.

Submission guidelines: Submit a single PDF with the following components:

- (a) 5-page NSF-style research proposal that includes Introduction, Objectives, Approach, References, and Budget sections. 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.
- (b) No more than 2-page CV that includes names and contact information for 2 references.

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

Eligibility: Undergraduate and graduate students in the Department of Zoology and Physiology. See description below for details.

Award amount (subject to change): \$25,000 total, <\$2000 per award

Description and Submission guidelines:

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. To apply, submit a single PDF containing:

- (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, and
- (b) 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. To apply, submit a single PDF containing: (a) 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. (b) 1-page CV that clearly lists name and contact information for your research advisor.

Michael and Linda Tiernan Scholarship and Research Fund

Eligibility: Graduate and undergraduate students in the Department of Zoology & Physiology whose research is focused on wildlife or fisheries management and/or ecology.

Award amount (subject to change): \$6,000 (to be split among awardees)

Description: Preference given to graduate support but outstanding undergraduate researchers may be considered.

Submission guidelines: Submit a single PDF with the following components: (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. **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.

Margaret and Sam Kelly Ornithology Research Fund

Eligibility: Graduate or undergraduate students studying birds (see Description for details)

Approximate amount available to award (subject to change): \$800

Description: This scholarship is awarded to outstanding graduate or undergraduate students studying hummingbirds, waterfowl, or sage grouse and their habitats, as well as wildlife diseases that affect wild bird populations.

Submission guidelines: Submit a single PDF with the following components: (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. **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.

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

Eligibility: Graduate students in the Departments of Zoology & Physiology and Mathematics and Statistics.

Award amount (subject to change): \$3,000

Description: McDonald Research Awards are intended to promote and enhance quantitative research on wildlife and/or fisheries ecology. Preference will be given to applicants who are actively engaged in both the Departments of Zoology & Physiology and Mathematics & Statistics and who are actively developing or adapting new statistical approaches for wildlife/fisheries issues.

Submission guidelines: Please submit a single PDF that includes the following section: (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. Please briefly describe your current funding for your stipend and research. How might this change in the next year?

WEST Research Awards for Quantitative Analysis in Wildlife and Fisheries

Ecology

Eligibility: Graduate students in the Departments of Zoology & Physiology and Mathematics and Statistics.

Award amount (subject to change): \$3,000

Description: West Research Awards are intended to promote and enhance quantitative research on wildlife and/or fisheries ecology. Preference will be given to applicants who are actively engaged in both the Departments of Zoology & Physiology and Mathematics & Statistics and who are actively developing or adapting new statistical approaches for wildlife/fisheries issues.

Submission guidelines: Please submit a single PDF that includes the following section: (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. Please briefly describe your current funding for your stipend and research. How might this change in the next year?

Robert A. Jenkins Trust

Eligibility: Undergraduate or graduate students in the Department of Zoology and Physiology. See Description for additional details.

Award amount (subject to change): \$2,500

Description: This scholarship is awarded to outstanding graduate or undergraduate students in the Department of Zoology and Physiology doing faculty-supervised research in the laboratory sciences of physiology, genetics and/or molecular, cellular and developmental biology.

Submission guidelines: Please submit a single PDF containing the following components: (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 and (b) 1-page CV that clearly lists name and contact information for your research advisor. Please briefly describe your current funding for your research. How might this change in the next year?

Vern Bressler Fisheries Fund

Eligibility: Active graduate or junior or senior undergraduate students in the Department of Zoology and Physiology. If you are an undergraduate, you must be a WFBM major. See Description for additional details.

Award amount (subject to change): \$12,000 (to be split among awardees)

Description: 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 are Wyoming residents and who are studying fisheries biology or management, especially of coldwater fish.

Submission guidelines: (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. **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.

Jackson Hole One Fly - Dennis Andersen Memorial Scholarship

Eligibility: Graduate students in the Department of Zoology and Physiology

Award amount (subject to change): \$900

Description: This scholarship is awarded to outstanding graduate students working on biology and management of aquatic ecosystems.

Submission guidelines: (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, and (b) 1-page CV that clearly lists name and contact information for your research advisor. Please briefly describe your current funding for tuition, stipend, and research. How might this change in the next year?

Women in Conservation Biology, Ecology & Education Fellowship [co-run with Botany]

Eligibility: Graduate students in the Departments of Zoology & Physiology and Botany.

Award amount (subject to change): \$1500

Description: This fellowship funds female graduate students with demonstrated excellence in conservation biology/ecology and/or ecology education and outreach. Applications that propose to integrate science with educational outreach are especially encouraged.

Submission guidelines: Please submit a single PDF containing the following components: (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, and (b) 1-page CV that clearly lists name and contact information for your research advisor(s). Please briefly describe your current funding for tuition, stipend, and research. How might this change in the next year?