

# Scholarships for the Graduate Students in Biology

## Spring Semester Announcement 2010

### **Description of Scholarships:**

#### **1. THE MELINDA BEALMER SCHOLARSHIP**

**Rationale:** This scholarship is to support a graduate student to present his/her research at a regional/national/international meeting. The award is to help support travel and conference endeavors from April 1, 2010 to March 31, 2011.

**Stipend:** Two awards for \$500 each are available.

**Eligibility:** This scholarship is available to students working on either a M. S. or a Ph.D. degree program in the Department of Biology. The award is based on academic achievement and demonstrated financial need.

#### **2. THE CLIFFORD CRAWFORD SCHOLARSHIP**

**Rationale:** This scholarship is to support a graduate student in conducting research on the Rio Grande Bosque (or some area of water/watershed related biology). The award is for July 1, 2010 to June 30, 2011.

**Stipend:** One award for \$1,000 is available.

**Eligibility:** This scholarship is available to students working on either a M. S. or a Ph.D. degree program in the Department of Biology. The award is based on scholastic ability, research potential and demonstrated financial need.

#### **3. THE ALVIN R. AND CAROLINE G. GROVE DOCTORAL SCHOLARSHIP**

**Rationale:** The GROVE DOCTORAL SCHOLARSHIP is to provide one (1) graduate student in the Department of Biology, University of New Mexico with release time from a Teaching or Research Assistantship so that he/she can concentrate on scholarly pursuits, such as research or writing.

**Stipend:** \$10,000 stipend awarded to one student for either fall Semester 2010 or spring semester 2011. (From this, the student will pay his/her own tuition, fees, and health insurance.)

**Eligibility:** Applicants must be in the Ph.D. program, have been advanced to candidacy and embarked on a well-defined research program. Criteria used in judging applications will be based on scholarship, academic promise, quality of ongoing or completed research and financial need. A student can receive only one doctoral scholarship during his/her tenure in the department. Students may not receive a Grove Doctoral Scholarship and TA/RA contract for the same semester.

#### **4. THE ALVIN R. AND CAROLINE G. GROVE SUMMER SCHOLARSHIP**

**Rationale:** The GROVE SUMMER SCHOLARSHIP is to provide graduate students in the Department of Biology, University of New Mexico with financial support to pursue their research. Support would be based on the quality of the proposal, the activities of the ongoing research and need of the applicant.

**Stipend:** A \$3,000 summer salary is awarded to the student for summer (2010) support. 3 are available.

**Eligibility:** Applicants must be students in good standing working toward either a M.S. or Ph.D degree in the Department of Biology. Criteria used in judging applications will include scholarship, academic promise, quality and potential of ongoing research, and financial need. Students may not receive both a Grove Summer Scholarship and TA/RA contract for the summer of 2010.

## **5. THE ALVIN R. AND CAROLINE G. GROVE RESEARCH SCHOLARSHIP**

**Rationale:** To provide graduate students with resources to initiate or continue research projects, and/or to attend conferences to present their research.

**Stipend:** Each award is approximately \$1,000. At least 5 are available.

**Eligibility:** Students in good standing working toward either the M.S. or Ph.D. degree in the Department of Biology are eligible to apply. Awards will be based on merit, quality of the proposed research and on financial need of the applicant.

## **6. THE LYNN A. HERTEL GRADUATE RESEARCH AWARD**

**Rationale:** The goal of this award is to support the research program of a current Biology Department graduate student, thus assisting the student to complete their thesis or dissertation research. This award can be used to purchase research supplies or equipment and to support travel to field sites or to scientific meetings, all activities expected to be part of the student's graduate research program. The funds can not be used for a stipend.

**Stipend:** An award of \$2,000 is to go to one graduate student.

**Eligibility:** This scholarship is available to students working on either a M. S. or a Ph.D. degree program in the Department of Biology. The award is based on inventiveness and financial need. Once students have received this award they are not eligible for it in subsequent years.

## **7. THE HARRY WAYNE SPRINGFIELD SCHOLARSHIP**

**Rationale:** This scholarship is to support a graduate student in pursuit of a research in botany with a focus on ecology.

**Stipend:** Summer salary of \$1,000 to \$2,000 is awarded to a student. One or two awards will be available.

**Eligibility:** This scholarship is available to students working on either a M. S. or a Ph.D. degree program in the Department of Biology. The award is based on merit. Once students have received this award they are not eligible for it in subsequent years.

## **8. THE JOSEPH GAUDIN SCHOLARSHIP**

**Rationale:** This scholarship is to support an undergraduate or a graduate student in pursuit of research in mammalogy.

**Stipend:** A single award of \$3000 per year. Four awards will be available for graduate students, and one or two awards will be available for undergraduates.

**Eligibility:** Biology major, UNM undergraduate or graduate student, demonstrated financial need, proven academic and research record. Preferences will be given to students interested in studying mammals; especially the *Felidae* (cats). This is an annually-renewable scholarship.

## **9. THE DONALD CAUGHRAN MEMORIAL ENDOWED SCHOLARSHIP IN BIOLOGY**

**Rationale:** This scholarship is to support an undergraduate or a graduate student in pursuit of a degree in biology.

**Stipend:** Two undergraduate scholarships will be available at \$1,500k each and one graduate student scholarship will be available at \$5,000.

**Eligibility:** Biology major, UNM undergraduate or graduate student in good standing with a proven academic and research record. Awards will be based on scientific excellence (e.g. scholarship, academic promise, quality of ongoing or completed research).

Application for **Graduate** Student Scholarships

Department of Biology, UNM, Spring, 2010

First Page

**This page is to be a part of the application.**

Place an "X" on the appropriate lines below to indicate **all** scholarship(s) for which you are applying (you will be considered only for the scholarships you mark with an X). Use this single form to apply for all scholarships.

- \_\_\_\_\_ **Bealmer Scholarship**
- \_\_\_\_\_ **Crawford Scholarship**
- \_\_\_\_\_ **Grove Doctoral Scholarship**
- \_\_\_\_\_ **Grove Summer Scholarship**
- \_\_\_\_\_ **Grove Research Scholarship**
- \_\_\_\_\_ **Hertel Scholarship**
- \_\_\_\_\_ **Springfield Scholarship**
- \_\_\_\_\_ **Caughran Scholarship**
- \_\_\_\_\_ **Gaudin Scholarship**

Name of Applicant: \_\_\_\_\_

Title of Project: \_\_\_\_\_

Name of Major Advisor: \_\_\_\_\_

Year you started your current graduate program in the UNM Department of Biology: \_\_\_\_\_

Have you advanced to Candidacy? Circle Yes or No. If yes, give date \_\_\_\_\_

Number of semesters you have received a Teaching Assistantship in the Department of Biology: (Note, if you had only a fraction of a full TA, indicate this.) \_\_\_\_\_

Previous Scholarships received from the Department of Biology, University of New Mexico:

Type \_\_\_\_\_ Amount \_\_\_\_\_

Number of semesters you have received a Research Assistantship: (Note: if you had only a fraction of a full RA, indicate this.) \_\_\_\_\_

**This completed application *must be* submitted to Cheryl Martin as a hard copy.**

**(Biology Main Office, 167 Castetter Hall)**

***before noon, MONDAY, March 1<sup>st</sup>, 2010.***

Please, no electronic submissions. Received \_\_\_\_\_

## **Check list for complete application**

(This page is for the student and is NOT to be included in the submitted application.)

**Completed First Page:** Students must indicate with an “X” on the first page all the scholarships to which they are applying on the first page.

**Proposal:** There will be only one proposal requested from a student even if application is made for more than one scholarship. The nature of the proposal varies if travel, salary, materials, or other research activities are requested. To provide information for adequate review, each application should include the following: (1) a two page research proposal, (2) a separate page for each of the following, as appropriate: (a) description of materials requested, (b) research expenses, (c) travel justification and expenses for attending conferences.

**Copy of curriculum vitae:** Required; two page maximum.

**Letter of support from the student’s faculty advisor** indicating the student is in good standing and eligible for this award. This letter may be submitted directly to Cheryl Martin by noon, 1 March 2009 via e-mail (cherylm@unm.edu). Only one letter is required for each student.

### **Suggestions for writing the proposal:**

- One inch margins, 11 pt. font; print on one side of the paper only.
- The proposal section must not exceed 2 pages. Literature cited may be listed on a third page.
- The budget is given on a separate page and indicates how the funds are to be spent.
- Each proposal should have the following: project summary, background, basic research plan, literature cited, and a budget section indicating how the research funds are to be spent.

### **Tips for a good proposal:**

**AVOID UNDEFINED JARGON; make the proposal understandable for a biologist who may not be in your particular field of research.**

- Outline the “big picture” significance of your project first.
- Explain clearly what you plan, how the research will answer your questions, and what the implications of your work may be (relevance to the field).
- A statement of the hypothesis to be tested helps to give the proposal focus
- Be succinct
- Do a spell check; make sure your grammar is correct
- Submit the proposal on time.
- Check to ensure that your letter from advisor has been received.
- Additional information on writing a proposal can be found in the attachment that is included with this mail. (Simple Rules Grants).

## Guidelines for Writing a C.V.

A *curriculum vitae* (C.V.) is a compilation of your achievements to date, and should always be tailored to your audience. For example, if you're applying for a teaching position, you should lead with your experience and achievements as an educator, rather than a list of publications. In this case, your audience is the Scholarship Committee. We are most interested in a demonstration of your research achievements during your graduate program. You must convince the reviewers that you have the skills, experience and plan to carry out the work you propose.

A C.V. usually contains the following information, organized by sections. Sections may be omitted or reorganized as needed. A good idea is to keep a master C.V. with all of your accomplishments, then delete or rearrange items as appropriate to your needs.

- **Name** - Current position, and contact information.
- **Education** - Including undergraduate institution and degree(s) earned, graduate institution and degree(s) awarded (if any), and the dates that you have been at UNM with the anticipated date of your final degree.
- **Research Interests** - A *brief* (few sentences or bullet list) overview of your interests. This is not necessary for the Scholarship Committee, but should be included in C.V.s for grants and jobs.
- **Research Experience** - Research-related jobs, R.A. positions, and other experience. This is not necessary for the Scholarship Committee, but should be included in C.V.s for grants and jobs.
- **Fellowships and Grants** - Any scholarships, grants or fellowships you have been awarded, in chronological order, listing the award time period. Include funding agency, award amount, and brief description of research funded.
- **Honors and Awards** - Such as teaching awards, awards for conference presentations, etc.
- **Peer Reviewed Publications** - Include only published and 'in press' articles, and give the complete citation.
- **Other Publications and Presentations**, such as published conference proceedings and abstracts, seminars given, poster presentations, and non-peer reviewed publications such as book reviews, government reports, etc.
- **Manuscripts in Preparation** - These don't carry the weight of a publication that has been submitted or accepted but are useful to indicate progress on research. This section may be combined with "Other Publications".
- **Invited Talks** - List any invited talks, including title, date, and venue.
- **Presentations at Professional Meetings** - List selected conference presentations.
- **Teaching Interests** - Brief overview. This is not necessary for the Scholarship Committee, but should be included in C.V.s for grants and jobs.
- **Teaching Experience** - Courses you have taught, for which you've been a T.A., or for which you have guest-lectured.
- **Professional and Community Activities** - Includes your non-academic contributions to the scientific community, such as committees on which you have served, manuscript reviewing, etc. This is not necessary for the Scholarship Committee, but should be included in C.V.s for grants and jobs.
- **Other Experience** - Anything else not covered in one of the above categories that you think might influence the committee in your favor.
- **Membership in Professional Societies** - Indicates your academic interests.
- **Professional References** - Scientists who can vouch for your worth. This is not necessary for the Scholarship Committee, but should be included in C.V.s for grants and jobs.