Undergraduate Research Award – Spring 2016

Overview

Any undergraduate student at Florida Atlantic University taking classes in Dania Beach, Davie, or Fort Lauderdale and engaged in research or a creative effort under the mentorship of a Broward-based faculty member may be nominated for a $2,000 tuition waiver award. The research or creative effort conducted by the student generally takes the form of directed research, independent study, or work on a thesis under the direct supervision of a faculty member, rather than work conducted to fulfill regular course or seminar requirements.

Awards

Up to ten (10) students will be awarded for the spring of 2016. Students are eligible to receive one Broward Undergraduate Research Award once every twelve months. Grant recipients will be required to display their work, and must present their research findings at the Broward Research Symposium on Friday, March 18, 2016.

Faculty Development Award

A faculty mentor named on the application, and who support a student researcher, receive an award will be awarded $1,000 for the purposes of research or professional development. This might include travel to a conference, registration for a local event, or another expenses that supports faculty growth. Award funding must be used within 12 calendar months of receipt of the award.

Deadlines

Spring 2016 nominations are due by 5:00pm Friday February 26, 2016. They must be scanned and emailed to Miguel Hernandez at hernandezm@fau.edu Decisions will be made by March 7, 2016.

Appropriate nominations will include:
   1) Confirmation that the research or project is underway or ready to begin
   2) Clearly defined role for the student researcher
   3) Clearly defined role of faculty mentor in support of the student’s work
   4) Identification of a Fort Lauderdale or Davie based student in good academic standing
Information Page

All of the following items are essential pieces of information for the purposes of this application

### Faculty Mentor Information

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<td>Phone:</td>
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<td>College:</td>
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<td>Department or School:</td>
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### Student Information

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<th>Name:</th>
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<td>Z-Number:</td>
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<td>Email:</td>
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<td>Major:</td>
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<tr>
<td>Level: (Check one)</td>
<td>□ Freshman □ Sophomore □ Junior □ Senior □ 5th Year (Architecture only)</td>
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### Research Information

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<th>What is the title or topic of the research or creative effort?</th>
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<td>Is this a new or continuing project? [Check one]:</td>
<td>□ YES  □ NO</td>
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<td>If new, are you prepared to commence?</td>
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Requirements for Research Proposal
Due Date: Friday, February 26, 2016

Please provide a 3-5 page summary of the proposed research. Summary must include the following:

1. **Statement and identification of research problem:** What is the specific information related to the nature of your proposal: For example, your hypothesis, or phenomenon of interest whether it be a qualitative, quantitative, or creative effort.

2. **Composition:** Briefly summarize your research, or creative effort including goals and objectives. Give an explanation of procedures to be used, communicate the importance of your research project, and address practical application, or potential impact. Include relevant literature, and complimentary research. (e.g., that has already been done in the field related to your research topic/question).

3. **Complexity:** What contributions and understanding of the research problem will your effort produce? Give a brief overview of the method or approach that will be used to complete the study.

4. **Creativity/Originality:** Is this a creative problem generated by you, or are you utilizing existing research to provide a basis for an original critique? Please explain.

5. **Future Plans and Ideas:** Does your research incorporate variables and controls? Will you include alternative approaches and/or resources? Have you identified a faculty mentor that will properly direct you in your effort? Do you plan to publish your results?

   **Note:** Researchers must present their results at the Spring 2016 Research Symposium.
Supplemental Information and Research Compliance

EH&S (Environmental Health & Safety) Questions *
Please check all that apply to your grant. If you checked one or more boxes (other than "None of the Above"), the Office of Undergraduate Research and Inquiry will send your grant application and a brief description of your research project to EH&S for further review. NOTE: EH&S Trainings and Certifications are offered once per month. Please consider registering for your required courses as soon as possible.

☐ Use of Biological Materials or Toxins, Human Blood, Select Agents, or Recombinant DNA
☐ Use of Radioactive Material, X-Rays or Lasers
☐ Involve Snorkeling, Diving, or use of Boats
☐ Involve use of Hazardous Chemicals or Nanomaterials
☐ Involve production of flame, smoke or heat or any combination of the three
☐ Involve field work
☐ None of the above

IRB (Institutional Review Board) Question *
Does your research involve use of human research subjects?

☐ YES
☐ NO

IACUC (Institutional Animal Care and Use Committee) Question *
Does your research involve the use of animal research subjects?

☐ YES
☐ NO

IRB/IACUC Compliance *
Please enter your IRB/IACUC protocol number below or your anticipated date of compliance, if known. If you answered "NO" to the IRB and IACUC questions, please type in "N/A" below.

Do you plan to present your research findings or submit those results for journal publication?

Is this research or creative effort funded?

What specific activity or progress do you hope to make this semester?

What would be the role of the student assistant in this effort?

How many hours per week would the student be expected to invest on the effort?
Student Acknowledgement

I acknowledge that I have read the Undergraduate Research Grant application and understand its terms. I affirm that in the event my research proposal is accepted, I will be awarded a total of $2,000 in the form of a tuition waiver. I further acknowledge that I will demonstrate my work as a participant at the Spring Student Research Symposium 2016. In the event that my research project is not completed within the proposed schedule or by the date of the symposium, I must return all funds provided for research purposes to Florida Atlantic University. FAU reserves the right to contact my faculty mentor regarding the progress of my research project.

__________________________________________
Signature

__________________________________________
Date

__________________________________________
Print
Faculty Guidelines and Acknowledgement

I acknowledge that I have read the Undergraduate Research Grant application and understand its terms. I affirm that in the event my student’s research proposal is accepted, I will be awarded $1,000. If awarded, I will adhere to following guidelines:

1) Awards may be used towards conferences (airline ticket, conference registration, hotel, ground transportation, per diem, etc.) or towards the purchase of academic materials (laptop, books etc.)

2) If you are planning on using your award towards a conference, contact Miguel Hernandez (hernandezm@fau.edu) prior to the conference with an estimate of cost. This is a requirement for reimbursement for travel. We will prepare a Travel TAR and you will be reimbursed AFTER you attend the conference and provide all necessary conference related receipts (flight, hotel, registration, parking etc.)

3) If you are planning on using your award towards scholastic materials (laptops, books, etc.) you must first contact Miguel Hernandez (hernandezm@fau.edu) for purchasing approval.

4) If this is a joint research project, please note that the $1000 faculty development award will be divided between each faculty mentor equally.

5) I understand that the funding cannot be used to hire staff

6) Awards must be used within one calendar year from the notification of award.

________________________________________
Signature

________________________________________
Date

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