

APPLICATION GUIDELINES FOR AATCC FOUNDATION STUDENT RESEARCH SUPPORT

Purpose:

AATCC Foundation, Inc. is a public charitable organization that encourages textile research, education, and scholarships, and facilitates the interchange of scientific and technical knowledge for the general public. It also is interested in the academic and professional growth for individuals interested in textile science. AATCC Foundation has made a commitment to support textile research conducted by students enrolled in textile programs in US colleges or universities. Hence, it has established the *AATCC Foundation Student Research Support Program* to assist undergraduate and graduate students with research on textile-related projects.

The AATCC Foundation Committee on Research has established a Student Research Review Board which has jurisdiction over the program to formulate guidelines and review proposals from textile students requesting support. Meritorious proposals recommended for funding by the AATCC Foundation Student Research Review Board are forwarded to the AATCC Foundation Committee on Research for final selection.

Criteria:

The AATCC Foundation Committee on Research is interested in research related to test method development, evaluation of textile performance in actual use situations, and correlations between these two. Funding priority will be given to projects that involve laboratory and end-use correlation studies, wet processing research, and other current topics that have been identified by AATCC Foundation. However, consideration will be given to supporting projects in other research areas that are within the scope of the Foundation. Student research projects that will result in 1) presentations at technical programs such as the International Conference or technical committee meetings and/or 2) publications in scientific journals, magazines or conference proceedings, will be given preference because communication of results is an important aspect of the research process.

Applications for AATCC Foundation Student Research Support will be reviewed by the AATCC Foundation Student Research Review Board. *Criteria* that will be used in evaluating the student applications are:

- Originality of the proposed research
- Importance and practical value to the textile science
- Relevancy to current activities, issues, and/or needs of textile processing
- Scientific contributions to the field of textiles
- Experimental design and methodology
- Applicant's ability to conduct the proposed research
- Feasibility of conducting the proposed research, based on size and scope of project, facilities, and cost
- Anticipated presentation at technical programs such as the International Conference , or technical committee meetings, and/or publication in technical textile magazines, journals or conference proceedings

Research Topics:

Possible research topics suggested are:

1. Clean production
2. Green/eco-products
3. Products and production with focuses on safety, protection, and comfort.
4. Reduction, recycle, reuse and replacement of textile materials, processes and chemicals
5. Toxicology and ecotoxicology of textile materials and chemicals
6. Textile materials and chemicals with advanced properties
7. Fibrous materials for applications in medical, automotive and other industries.

8. Biotextile productions and products
9. Textile products and processes with sustainability
10. Evaluation of carbon emission in textile processes

Amount of Funding:

Grants ranging from \$500 to \$4,000 will be awarded to meritorious proposals selected by the AATCC Foundation Student Research Review Board and approved for funding by AATCC Foundation Committee on Research. The total amount of this grant is to be applied to the student's research costs, and does not include university indirect costs. Examples of acceptable items for funding include materials, dyes and chemicals, laboratory supplies, and expendable supplies for equipment.

****NOTE:** A stipend for up to \$500 for registration and all reasonable travel expenses to present the research project at a technical conference will be considered based on the project and the particular event at which the presentation will be made. This stipend will be funded separately by AATCC Foundation upon request and approval. Priority will be given to presentations that will be made at the AATCC International Conference or other AATCC programs. Approval of the travel funds should be received prior to making travel arrangements. Reimbursements of up to \$500 will be made once the Foundation receives proper receipts for pre-approved travel expenses. **Requests for a travel stipend should be emailed to: [Brian C. Francois](#)**, Executive Vice President, AATCC. Receipts for reimbursement can be scanned and emailed to Mr. Francois or faxed to his attention at 1-919-549-8933.

Members of the AATCC Foundation Student Research Review Board: Yiqi Yang, Mary A. Ankeny, Christopher Leonard, Kanti A. Jasani, and David R. Vlaservich.

Applications:

To apply for AATCC Foundation Student Research Support, submit the application and vita form to the chair of the AATCC Foundation Student Research Review Board. In addition, the applicant's major professor or advisor is encouraged to write a supportive cover letter that addresses the importance of the problem or implications of the research and the student's ability to conduct the proposed research. **Send or email application to: [Dr. Yiqi Yang](#)**, Chair, AATCC Foundation Student Research Support Program, University of Nebraska-Lincoln, 234 HECO Building, Lincoln, NE 68583-0802.

Deadline:

Priority will be given to applications and supporting documentation received by 5:00 pm (CST) on **September 30**. Awards will be announced in November after the meeting of the Foundation Board of Directors.

Allocations of Funds and Research Supplies:

Grants are approved by the Foundation Board of Directors at their fall meeting. In January of the following year, grant checks will be processed to the student recipient's university and mailed to the student's advisor.

Reporting Completed Research:

The faculty advisor and student will be sent an AATCC Foundation Student Research Support Report Form for reporting research findings to AATCC Foundation. Failure to report the research may prohibit AATCC Foundation from funding future research with the institution.