



Ivory Tower Inc.

A non-profit dedicated to supporting research and scholarship within the Fermentation Sciences.

<http://ivorytowerscience.com/>

Ivory Tower Research Scholarship Program 2017-2018

Ivory Tower Inc. is a 501(c)(3) non-profit organization with a mission to foster and support research and education related to Fermentation Sciences. This includes fundamental and applied scientific research as well as topics related to sociology, culture, and economics. Fund raising efforts by Ivory Tower provide research scholarship opportunities for undergraduate and graduate students at colleges and universities across the United States. The research component of these scholarships may be conducted at home, at school, or at work; the intention is to support curiosity and innovation and provide a conduit for broader discussions within our discipline.

Ivory Tower invites all undergraduate and graduate students at colleges and universities in the US to submit research proposals for the 2017-2018 funding cycle. Research proposals may cover any aspect relevant to the Fermentation Sciences. Proposals should effectively communicate the rationale for the intended project and the benefit to the fermentation sciences community. The principle investigator must clearly explain the relevance of and need for this type of research to the reviewers. Topics may include applied scientific research into fermented foods, beverages, biofuels, or bioprocessing or topics relating to social, economic, or cultural aspects of fermentation sciences. Funding may also support targeted and comprehensive literature reviews of industry or socially relevant topics appropriate for book publication or as a review article in peer-reviewed literature. The Ivory Tower encourages creativity, innovation, curiosity, and a diversity of approaches to answering important questions. Funds can be used at the proposer's discretion, but all spending must be justified in the budget narrative.

Budget requests of up to \$2000 are allowable for this current proposal period. Project budgets are not intended to be used exclusively for equipment and/or supplies; support is generally targeting student efforts and time. Project duration may not exceed twelve (12) months.

Proposals will be reviewed within 30 days of the closing date for this announcement (January 30th, 2017).

Proposal Requirements:

The project narrative should communicate the objective(s) of the proposed research project, the relevance to advancing the Fermentation Sciences research community, existing research or published information relevant to the project, and a project timeline. Project start date, project milestones, and completion dates should be included in this timeline. A project budget and budget narrative should clearly communicate the intended use of funds; **there are no limitations imposed upon use of project funds. Funds may be used for purchasing materials, equipment, laboratory consumables, travel, or student living expenses.**

Projects are intended to span no more than one calendar year from the project start date.

Student proposals must include a support letter from a faculty or staff project mentor on university or college letterhead. Funds may be used to supplement ongoing research projects; however, distinct project outcomes are expected and must be included in final project reports.

Final project reports are due no later than 90 days from the project completion date.

Final project reports are expected to communicate the rationale for the experiment, experimental design and methodologies, and results and discussion sections. Reports should provide the reader with a comprehensive overview of the project and the relevance of project outcomes. Project reports are expected to be no less than 3 pages (single space, 12 pt. Arial or Times New Roman font, standard 1 inch margins) and no more than 10 pages. Literature review-based projects and other activities that do not have experimental components have no page limit imposition. Those reports should convey objectives set forth in the student proposals and provide the reader with a comprehensive overview of information gathered and experiences gained related to the scholarship. Supplemental data or figures may be submitted as an independent file. Final reports must include a one-paragraph executive summary or abstract that may be published on the Ivory Tower Sciences website to clearly and succinctly summarize the funded projects and their outcomes. All publications and presentations related to the Ivory Tower award should acknowledge support from Ivory Tower, Inc.

Failure to comply with project reporting guidelines will result in disqualification of the principle investigator from future funding through Ivory Tower Inc. and will disqualify applications from the principle investigator's institution for the following calendar year.

Proposal Outline

Proposals lacking any required section (listed below) will not be reviewed.

Proposals may be submitted electronically (.doc or .pdf formats only) to:

scholarship.ivorytower@gmail.com

or mailed to:

Dr. Seth Cohen
ASU Fermentation Sciences
Box 32163
Boone NC 28608

All proposals must be received by 5pm (EST) on **January 30th, 2017**.

Principle Investigator

Name, Phone Number, Mailing Address, Email Address, Home Institution, Academic Major; applicants will submit a 2-page (maximum) professional curriculum vitae.

Project Title

15-word maximum

Project abstract: 1 paragraph (500 word maximum)

One paragraph overview of project objectives, relevance and importance of research project, hypotheses and expected outcomes, and broader implications of research.

Project Narrative: 1-2 pages

A 1-page minimum, 2-page maximum narrative should provide a succinct explanation of the project, the rationale for and importance of the project, how the objectives will be accomplished, and the expected outcomes or implications of the project. A successful proposal will

communicate the value of this project to the reviewers in concise grammar, as a brief but well written professional communication.

Project Timeline: 1 page maximum

A project timeline should include the project start date, expected dates to meet project milestones, expected dates of completion of major activities, and project completion date (not to exceed 12 months).

Budget: 2 page maximum including budget narrative

A project budget should itemize expenses in tabular form.

Budget Narrative

A budget narrative should accompany your itemized budget plan and provide a brief justification of expenses.

Letter of Support

Projects lacking a letter of support from a faculty or staff mentor will not be considered for funding. Mentors should confirm their support of student time and efforts toward the intended project with some level of guidance and/or oversight. Projects including laboratory analysis must include documentation of support of these activities from the student's mentor in order to receive funding. Not all projects will require substantial mentorship; however, it is important that Ivory Tower Inc. can verify institutional support and that student-faculty/staff mentorship is available to the principle investigator.

Mentors are obliged to act as a contact and reference for the student investigator.