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# URECA! TEAM-GRANT APPLICATION FORM -TTU

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## 1. COVER PAGE

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

Project Begin Date: \_\_\_\_\_ (MM/DD/YYYY)      Project End Date: \_\_\_\_\_ (MM/DD/YYYY)

### STUDENT INFORMATION (as of today's date):

	Student ID	T#	TTU Email Address	GPA:
Name: _____	_____	_____	_____	_____
Name: _____	_____	_____	_____	_____
Name: _____	_____	_____	_____	_____
Name: _____	_____	_____	_____	_____

Faculty Mentor: \_\_\_\_\_

Faculty Mentor: \_\_\_\_\_

### BUDGET SUMMARY : (food is not allowed)

SUPPLIES \_\_\_\_\_  
Stipend \_\_\_\_\_  
Travel \_\_\_\_\_  
OTHER \_\_\_\_\_  
**TOTAL** \_\_\_\_\_  
(requested from grant)

### SIGNATURES:

_____	_____
(STUDENT)	(DATE)
_____	_____
(STUDENT)	(DATE)
_____	_____
(STUDENT)	(DATE)
_____	_____
(STUDENT)	(DATE)
_____	_____
(FACULTY Mentor)	(DATE)
_____	_____
(FACULTY Mentor)	(DATE)



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**3. PROJECT DESCRIPTION:** This section is most important, and can be prepared on additional pages. There are no page limitations, but be efficient and concise, an overly long proposal doesn't help the reviewers.

The Project Description consists of the following sections:

- **Introduction/Background** (include your main research question and/or creative outcome; use supporting citations)
- **Proposed plan**, with preliminary results if possible.
- **TEAM Roles.** Define the role of the faculty advisor(s), and the role of **every** team member:
- **Budget justification.**
- **Dissemination of results.** Describe how the project advances current knowledge and contributes to the students' field of study; elucidate its value and its intended audience (e.g., will students present the research, and if so, where? Or will they attempt to publish it?).

**NOTE: This description must be written to an educated lay audience.  
The review committee will not necessarily contain a member from your field.**

**Project ABSTRACT:**

Project Description with additional pages will follow on the next pages:

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### 4. Environmental Health and Safety (check all that apply to your proposed research)

- Infectious Agents (including Select Agents)
- Human Derived Materials
- Recombinant DNA
- Hazardous Chemicals (including controlled substances)
  - Will hazardous wastes be generated?
    - Yes
    - No

- Plant Pathogens (including Select Agents)
- Compressed gases
- Cryogenic materials
- Noise
- Nanoparticles
- Non-native/Invasive species
- Shipping/receiving and/or transporting hazardous materials (including dry ice, chemicals, and biological materials)
- Radionucleotides
- Ionizing radiation/Lasers
- Aquatic hazards (diving/boat/etc.)

If any box above is checked your application may also be reviewed by Environmental Health and Safety. For guidance in defining research hazards, please consult the EHS website: [www.tntech.edu/safety](http://www.tntech.edu/safety)

### Vertebrate Animals

<http://www.tntech.edu/research/animal-care-and-use-iacuc/>

1. Does the research proposed in this application involve the use of vertebrate animals?
  - No. (Review by IACUC is NOT required. Do not answer Question 2.)
  - Yes. (Review by IACUC is required. Continue with Question 2.)
  
2. A protocol for the research proposed in this application (check one):
  - has been approved and is on file in the IACUC.
  - has been submitted to the IACUC.
  - will be submitted to the IACUC.

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## Human Subjects

<http://www.tntech.edu/research/hs-guidelines/>

1. Does the research proposed in this application involve the use of human subjects (INCLUDING use of de-identified data or specimens of human origin)?  
 No. (Review by the TTU Institutional Review Board is NOT required. **Do not answer Question 2 in Safety Training.**)  
 Yes. (Review by TTU Institutional Review Board is required. **Continue with Question 2 in Safety Training.**)

Include in the URECA! application your IACUC and/or IRB application(s) and/or approval letter(s).

*Note: No funding will be given prior to the receipt of the necessary approval, but applications will still be accepted.*

## Safety Training

1. Have students completed all appropriate required TTU safety training?  
 Yes (Answer question 2)  
 No
2. Which TTU safety training(s) have been completed? List training title and date of completion. *Note: TTU safety training(s) are required prior to the start of any project. These pages can be appended to the end of this proposal.*

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### 5. HEALTH and SAFETY

Consider your project from start to finish. What health and safety related issues are involved with the work students will perform? What precautions will be taken to minimize the risks? Be sure to include information about wastes generated, hazards present in the research project, environmental protection, and precautions to be taken to protect yourself and others around you. (250 word maximum)

[INSERT HEALTH/SAFETY/ETHICS STATEMENT for the TEAM: 250 WORD MAXIMUM]

### 6. Ethics for the TEAM

Are there ethical considerations related to your project? (250 word maximum)

#### Ethics Signature Statement

By signing below, I (the student) certify that all information provided in this application is accurate and not plagiarized.

\_\_\_\_\_

Student Signature

\_\_\_\_\_

Date

\_\_\_\_\_

Student Signature

\_\_\_\_\_

Date

\_\_\_\_\_

Student Signature

\_\_\_\_\_

Date

\_\_\_\_\_

Student Signature

\_\_\_\_\_

Date

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### **7. LEARNING OBJECTIVES AND CAREER NARRATIVE:**

Describe what you will learn, skills you will develop, and/or techniques that you will use and how this will enhance your career goals. This should be addressed by every undergraduate researcher, but they can be combined.

[INSERT OBJECTIVES AND CAREER NARRATIVE: 500 WORD MAXIMUM]

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### 8. FACULTY MENTOR'S SUPPORT FORM (if more than one faculty, each have to submit this form)

To be completed by faculty mentor. Must be signed and included with application.

#### Application Information:

Students' Names: \_\_\_\_\_

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

#### Faculty Mentor Information:

Name: \_\_\_\_\_

Rank: \_\_\_\_\_

College/School: \_\_\_\_\_

Department: \_\_\_\_\_

Telephone: \_\_\_\_\_

Campus Box: \_\_\_\_\_

Email Address: \_\_\_\_\_

Is IRB Approval Required?  Yes  No      If yes, has it been secured?  Yes  No  
Institutional Review Board for the Protection of Human Subjects at Tennessee Technological University

Is Performance License, Royalties, or Copyright Permission Required?  Yes  No  
If yes, has it been secured?  Yes  No

Is IACUC Approval Required?  Yes  No      If yes, has it been secured?  Yes  No  
Institutional Animal Care and Use Committee

Have the Students taken all required safety courses?  Yes  No

**Faculty Mentor Endorsement:** Please complete the following Faculty Mentor Endorsement form describing the merit of the project and its potential impact on each student, the students' potential for successful completion, and your role in the project. Your comments are very influential in the committee's decision. **Please Type.**

- 1) Please provide comments on the merit of this project and its potential impact on the students' engagement in research, scholarship, and/or creative activity.
  
  
  
  
  
  
  
  
  
  
- 2) Please comment on the students' potential for successfully completing the project.
  
  
  
  
  
  
  
  
  
  
- 3) Please comment on your role in this project.

\_\_\_\_\_  
Mentor Signature

\_\_\_\_\_  
Date

My department chair is aware of this project and is supportive of the project and my involvement as a faculty mentor.