



Summer Research Experience for Undergraduates  
**Composites In Extreme Environments**  
North Carolina State University



**2017 APPLICATION INSTRUCTIONS**

Applications and recommendations are due February 3<sup>rd</sup>. Late applications will only be considered in the event that openings are not filled. *Email completed application including (i) application form, (ii) statement of purpose, (iii) Resume (iv) transcript, and (v) letter of recommendation to:*

Dr. Mark Pankow, NC State University Mechanical and Aerospace Engineering Department  
[extreme-reu@ncsu.edu](mailto:extreme-reu@ncsu.edu)

**Eligibility**

*Candidates for the summer research experience must:*

- be citizens or permanent residents of the United States
- be enrolled in a degree program leading to a baccalaureate degree
- be entering their sophomore, junior, or senior year
- be able to work at least 40 hours per week for the entire 10 week term (5/31 – 8/2)

Prior research experience and/or coursework in composites is **NOT** required.

*NC State University is an equal opportunity employer and encourages applications from underrepresented groups, including minorities and people with disabilities.*

**Statement of Purpose and Relevant Experience**

Please provide a 1-page personal statement that explains why you are interested in science and research, your career goals, and why you think this research experience would benefit you. Please also discuss preferred areas of research based on sample projects and mentors listed on our website. Additionally, include a 1-page resume highlighting any laboratory skills, research experience, awards, honors, or extracurricular activities that you would like us to know about.

**Transcript**

Please provide a transcript (official or unofficial) from the college/university you currently attend and from your previous school(s) if you are a transfer student.

**Letters of Recommendation**

Please provide two letters of recommendation from a current or former instructor, research mentor, or advisor. The recommendation should indicate in what capacity the recommender knows you, as well as a description of your strengths and limitations for summer research. The recommendation can be sent by the recommender directly to [extreme-reu@ncsu.edu](mailto:extreme-reu@ncsu.edu). Please be sure that the recommender clearly identifies the applicant in their letter. *Indicate the name of the recommender on the application form.*



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**2017 APPLICATION FORM**

**Basic Information**

Name:	
Email:	
Phone:	
Permanent Address:	
Address at School:	
College/University:	
Major:	
Current GPA:	

For Fall 2017, I will be a:  Sophomore  Junior  Senior

Anticipated Graduation Date:

**Residency Status (check one)**

US citizen  Permanent resident

**Ethnicity, Race and Gender**

The three questions below are designed to identify your ethnicity and race and gender, which is useful for NSF reporting. Although we appreciate your answers to these questions, answering is optional. *Regardless of your answer to question 1, go to question 2 and question 3.*

- Are you Hispanic or Latino? (a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race)  
 Yes  No
- Please select the racial category or categories with which you most closely identify. Check as many as apply.
 

<input type="checkbox"/> American Indian or Alaska Native	<input type="checkbox"/> Asian
<input type="checkbox"/> Black or African American	<input type="checkbox"/> Native Hawaiian or Other Pacific Islander
<input type="checkbox"/> White or Caucasian	<input type="checkbox"/> Other (please specify):
- What is your gender identity?  
 Male  Female  Other (please specify):



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**Recommender #1**

Recommender Name:	
Institution:	
Email:	

**Recommender #2**

Recommender Name:	
Institution:	
Email:	

**Research Concentration Area**

- Composite Design and Modeling
- Sensors and Detection
- Dynamic Composite Testing