



### **Summer Teaching/Research Opportunity for Prospective Teachers**

Salisbury University is currently hiring undergraduates to provide summer mathematics instruction for local K-12 students in summer 2019. Successful applicants will design mathematics instruction for children and carefully research its impact on the children's learning. This project is funded under National Science Foundation award DUE-1658968. Application packets are due March 1, 2019.

#### Qualifications (for Salisbury University students) - applicants must:

- Have a cumulative undergraduate GPA of 3.0 or above.
- Be enrolled in an undergraduate program leading to teaching certification.
- Be a U.S. citizen, a U.S. national, or permanent resident of the United States.
- Have completed at least one mathematics teaching methods course at Salisbury University.

#### Benefits - successful applicants will receive:

- \$500 per week for 10 weeks in summer 2018 (June 3 – August 9, 2019).
- An allowance for travel or on-campus housing.
- A meal allowance.
- Valuable experience teaching children and conducting undergraduate research.

#### Responsibilities - successful applicants will need to:

- Undergo fingerprinting and a background check.
- Settle any overdue debts to the local, state, or federal government (paychecks cannot be issued until this is done).
- Complete preparatory online training modules in May 2019.
- Plan weekly mathematics instruction for four K-12 students in collaboration with a Salisbury University faculty mentor and another undergraduate.
- Carefully document and analyze work with K-12 students through video recording, collection of student work, and other means.
- Present research findings about the impact of instruction on student learning at the end of summer 2019.
- Complete all weekly responsibilities assigned by Salisbury University mentor.

To apply, complete the included application form. Applications from minorities, women, and students with disabilities are encouraged. For more details, contact Dr. Randall Groth at Salisbury University ([regroth@salisbury.edu](mailto:regroth@salisbury.edu)).

Application Form

Name:-----

Address:-----

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Phone:-----

Email:-----

Undergraduate institution:-----

Cumulative undergraduate GPA:-----

Undergraduate major:-----

Are you a U.S. citizen, a U.S. national, or permanent resident of the United States?  
(Y/N):-----

List the course numbers and titles of undergraduate courses offered by the Education Department at your institution that you have completed:

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Along with this completed form, include the following in your application packet:

- A statement of your current philosophy of teaching mathematics (500 words or less).
- Two recommendation letters from faculty who have instructed you in a mathematics or education course
- Signed disclosure statement and consent form
- Current undergraduate transcript (this can be a printout of your unofficial transcript from GullNet).

Mail your application packet to:

Dr. Randall Groth  
Conway Hall, Room 379R  
Department of Secondary and Physical Education  
Salisbury University  
1101 Camden Ave.  
Salisbury, MD 21801

Disclosure Statement and Consent Form for Undergraduates

We are currently conducting research on the effectiveness of the PATHWAYS project for developing prospective teachers' ability to integrate research and practice. We are asking for your permission to use data we collect for the purpose of constructing educational research describing effectiveness of the project.

We will be collecting data from at several points before, during, and after the project. You must agree to data collection as a condition of participation in the project. This data collection is necessary because we are required to report the results of the research to the Federal Government as part of the conditions of a National Science Foundation-funded project. A summary of the data to be collected is provided below:


Stage of project	Data to be collected and analyzed
Application to program	Application materials, including: <ul style="list-style-type: none"> <li>• demographic information,</li> <li>• academic credentials,</li> <li>• philosophy of teaching mathematics</li> </ul>
Online training modules in spring	<ul style="list-style-type: none"> <li>• Transcripts of online conversations with other undergraduate researchers</li> <li>• Scores on assessments of understanding of online modules</li> </ul>
10-week intensive summer experience	<ul style="list-style-type: none"> <li>• Video recorded training sessions with mentors</li> <li>• Video recorded teaching sessions with K-12 students</li> <li>• Lessons and tasks selected for instruction sessions with K-12 students</li> <li>• Written summary reports of research with K-12 students</li> </ul>
After 10-week intensive summer experience	<ul style="list-style-type: none"> <li>• Responses to Undergraduate Research Student Self-Assessment (URSSA)</li> <li>• Opinion surveys about the strengths and weaknesses of the program</li> <li>• Follow-up surveys inquiring about academic status and career goals</li> </ul>

A potential risk of any study of this nature is loss of confidentiality. Every effort will be made to keep your information confidential. In any published reports associated with this research, a pseudonym bearing no resemblance to your actual name will be used. Your participation is very valuable and will help provide insight about the role of classroom research in teacher preparation. You may discontinue participation in this project at any time. Upon discontinuing participation, please be aware that you will no longer receive stipends or other grant-related compensation or reimbursement.

Additionally, your signature below indicates that you understand the video of K-12 students you will analyze as part of the project is not to be shared with anyone outside the project. This policy also applies to posting video online: no video of K-12 students is to be posted online.

You will be paid \$500 per week upon completing all tasks assigned by your Salisbury University mentor. You may discontinue your participation in this project at any time, for any reason. Upon discontinuation of participation, you will receive no further payments, but there will be no further penalty. If you have any questions about this study or would be interested in the results, please contact Dr. Randall Groth, telephone 410-677-5061, email [regroth@salisbury.edu](mailto:regroth@salisbury.edu).

Thank you for your cooperation

  
 Randall E. Groth, Salisbury University

  
 Jennifer A. Bergner, Salisbury University

**If you have any adverse effects or concerns about the research, please contact the primary investigator or Salisbury University's Office of Grants and Sponsored Research at 410-548-5395 or toll free 1-888-543-0148.**

Please check one of the boxes below:

I agree to participate in the study described above.

I do not agree to participate in the study described above.

\_\_\_\_\_  
 Name (Please print)

\_\_\_\_\_  
 Signature

\_\_\_\_\_  
 Date