



Undergraduate Research Program Travel Grant Application

Directions

1. Complete Parts I, II, and III of this application.
2. Submit one copy of this application as an e-mail attachment to the operations coordinator in the Arts & Sciences Dean's Office, Robert Plymale, at rplymale@richmond.edu.
3. Ask your supervising faculty member to e-mail a letter of endorsement to Robert Plymale.
4. If you are notified that you have received a travel grant and you plan to travel internationally, you must contact the Office of International Education for further information and papers necessary for travel.

Part I: About You

Name: Gavin McGrew	UR ID: 37083251	Date of Application: 10/22/2013
Phone Number: (615) 613-4768	Email Address: gavin.mcgrew@richmond.edu	
Present Address (street, city state, zip): 737 Goodpasture terrace		
Major(s):	Mathematics	
Hours Completed: 36.5 Units	Expected Graduation Date: May 2014	
Previous Arts & Sciences Undergraduate Research Awards:		
Name of Award:	Amount:	Date/Semester/Year:
Summer Research Grant	\$4500	Summer 2010
Summer Research Grant	\$4500	Summer 2011
Summer Research Grant	\$4500	Summer 2013

Part II: About Your Trip

Destination: Baltimore, MD	Name of Conference (if applicable): Joint Math Meetings	
Mode of Transportation: Car (with Professor)	Departure Date: 1/16/2014	Return Date: 1/18/2014
Supervising Faculty Member: Dr. James Davis		
<p>How will this trip contribute to your educational goals? You may attach an additional sheet if you need more space. Also attach an abstract of the paper you will deliver or a précis of the project you will present.</p> <p>We will be presenting work we have done with difference sets. These are mathematical objects of special importance in the area of group theory. In particular, it is of interest to determine whether a given group contains a difference set. We examined groups with 256 elements and were able to answer this question for the vast majority of these 56092 groups.</p>		

Part III: Expenses Worksheet

Cost Per Day		Cost for Entire Trip
Travel (Transportation):	N/A	
Lodging: (Limit: 2 nights)		\$339.57
Meals: (Limit: \$35/day up to 3 days)	\$35	\$105
Registration Fees:		\$53
Other:		
Total:		

Please note that the Undergraduate Research Committee uses its discretion when approving money for meals and lodging. The maximum allowance for meals is \$35 per day. To allow as many people as possible to make use of travel funds, the maximum allowance for lodging and meal requests is three days and two nights. Requests that exceed this allowance require **detailed explanation**, which you may include below or attach.