

WELCOME TO THE GLOBAL GRANT REPORT

Your answers to the questions in this report will help us measure Rotary's impact in the world, publicize your successful activities, and document your good stewardship practices. Thank you for taking your time to complete this report carefully and accurately.

**Objectives**

Your global grant was approved to fund the following activity(ies):

Scholarship

**Participants**

Identify any Rotary clubs or districts other than the primary sponsors and financial contributors who were involved in this grant.

No.	Organization	Club/District
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Rate the scholar's level of participation in local Rotary activities:

Very active

What type(s) of Rotary activities has the scholar participated in?

Rotary club meetings; Rotary conferences (e.g. district conference); Service project; Other (please specify)

developing and distributing breast cancer awareness brochure in the language of Israel; working on his Master's Degree in International Health; connecting with other Rotary Global Scholars in the area. Also sending regular monthly reports back to our District 6290, and also developed a video presentation that was used at our November 2013 Rotary Gala to demonstrate his project in Jerusalem. Has maintained excellent and regular contact with Dr. Taylor, Global Scholarship Chair.

Describe how the host and international sponsors have interacted with the scholar to date.

Dr. Marilyn Farber and Dr. Daniel Shanit have been extremely helpful and welcoming to Nathan. They have ensured that he had access to translation services; made sure he was welcome at area Rotary Clubs, and have made substantial contacts for him. It is important to note that Nathan Reynolds, our Global Scholar, keeps in frequent contact with Dr. Taylor, the Global Scholar Chair, but also with many of the Rotarians at the Cadillac Rotary Club - his sponsor, and also with the members of our District 6290 Rotary Foundation Committee. His regular reports are informative, insightful, and demonstrate his commitment to his Rotary project and to Rotary, as well as his future studies.

**Primary Contacts**

Name	Club	Role	Sponsored by	Serving as
Jacqueline Taylor	Grand Rapids	(Primary Contact)	District	International
Marilyn Farber	Jerusalem	(Primary Contact)	District	Host

**Committee Members**

Name	Club	Role
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Dan Shanit	Jerusalem	<b>(Secondary Host Contact)</b>
Mark Zober	Jerusalem	<b>(Secondary Host Contact)</b>
Name	Club	Role
Gernot Runschke	Grand Haven	<b>(Secondary International Contact)</b>
Barbara Darrigan	Cadillac	<b>(Secondary International Contact)</b>

**Scholarship candidate**

No.	Name	Email
1:	Nathan Reynolds	Nathan.martin.reynolds@gmail.com

**Scholar Narrative****WELCOME TO THE GLOBAL GRANT SCHOLAR REPORT**

**Submission of this report is a required component of the scholarship and essential to evaluating the success of your experience. Thank you for taking your time to complete this report carefully and accurately.**

**How would you characterize the impact of your studies on your future professional goals?**

Excellent

**If your studies have had no impact on your future professional goals, explain why.**

**List all coursework, research, and service activities that you have completed since the start of your scholarship. Provide a brief description and explain how each will advance your professional goals in one of the six areas of focus.**

No.	Activity	Description	Impact on professional goals
1:	Course Work	Epidemiology, Survey and Research Methods, and Statistics	Enhanced my understanding of how to analyze numbers, calculate disease burden, identify study bias, analyze measures of associations between variables, and use statistical tests to identify significant findings. These courses were formative in the skills I will need to produce valid and usable future studies/results.
2:	Course Work	Community Oriented Primary Care Workshop (COPC): Group project focusing on primary, secondary, and tertiary	Prepared me for multicultural group work and taught me how to justify imputing missing information from existing data sets. Furthermore, it demonstrated the importance of

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		prevention of acute respiratory infections (ARIs) in Pacanal Village, Guatemala	using evidence-based methods to address health concerns and how to keep cultural idiosyncrasies in mind when proposing prevention programs.
3:	Course Work	Public Health Ethics	Clarified the defining characteristics of bioethics and public health ethics and taught me how to ethically justify research proposals and/or public health programs.
4:	Course Work	Health Behavior	Established and understanding of my knowledge of the behavioral models most commonly used to change individuals' behavior.
5:	Course Work	Control of Communicable Diseases: Group project focusing on a national strategy to combat cholera in Haiti	Prepared me for multicultural group and demonstrated the importance of building water infrastructure, imparting knowledge of hand and water hygiene to the most vulnerable, and building the capacity of the existing health infrastructure/system (disease prevention and control and water and sanitation)
6:	Service Activity	Generated an awareness flyer of the BRCA 1&2 mutations and their association with an increased risk of breast and ovarian cancer. Written in both Hebrew and English using non-clinical terminology to appeal to a broad audience.	Made me more aware of the risk factors for non-communicable diseases, and the importance knowledge of these factors play on reducing the burden of disease among a population.
7:	Course Work	Aging: Epidemiology and Services. This course focused on common health issues encountered by the elderly, including physical, psychological, and psychosomatic, and ways to cope with them.	Enhanced my understanding of the health burdens and challenges faced by the aging and elderly and contributed to my understanding of medical protocols and community projects designed to prevent those burdens.
8:			Made me aware of the health consequences of biological, chemical, psychical and energetic exposures commonly

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	Course Work	Occupational and Environmental Health	seen in occupational and environmental settings. It taught me the skills necessary to implement protocols aimed at reducing exposures and preventing health ailments caused by them.
9:	Course Work	Nutrition: Included lectures regarding nutrient deficiencies, food insecurity, malnutrition (over and under nutrition), and genetically modified foods; and a program proposal addressing a nutritional problem in my home community/state/country.	Taught me the importance nutrition plays in preventing disease and how to design culturally acceptable and sustainable projects.
10:	Course Work	Health Economics: Covered common insurance methods of payment (per diem, capitation, Fee-For-Service, etc), health inequities, expenditures as a % of national GDP.	Raised my awareness of the strengths and weaknesses of each payment method, ways to cope with market failures, challenges faced by developing/developed nations with regards to their health systems, and strategies to make programs economically sustainable.
11:	Research	MPH Thesis: Identifying a parent-of-origin effect (POE) among known adiposity related genes on the longitudinal change in BMI	Familiarized me with the importance of identifying genetic risk factors of common traits (like diabetes, obesity, etc) in an effort to tailor programs aimed at reducing risk.

**Have your professional goals changed as a result of your scholarship experience?**

Yes

**If yes, explain how and why.**

While my goal remains to pursue medical school and ultimately focus on oncology, this scholarship experience has enhanced my appreciation of the importance of primary and secondary disease prevention measures. Consequently, in addition to the clinical research I intend to conduct in my future medical career, I am motivated to work with a team to conduct community-oriented primary and secondary disease prevention programs. Furthermore, I intend to publish the findings in an effort to contribute to the growing body of evidence-based practice.

**Describe any challenges you have encountered as a Rotary Scholar.**

Beginning in June 2014, there was an escalation of violence, which began with the abduction and murder of 3 Israeli teens, then the retaliatory murder of a Palestinian teen in Jerusalem. What followed was a barrage of missile attacks launched by Hamas into Israel, which initially only prompted an aerial response from Israel. However, as the missiles continued and an extensive labyrinth of tunnels was exposed, a ground invasion by the IDF occurred. I experienced 5 missile sirens in Jerusalem and a mortar attack launched from Syria when I was up in the northern part of the country. As this conflict is ongoing (as of 20-Aug-2014) and has created a heightened security situation, my ability to make club visits throughout Israel and the West Bank has been greatly diminished.

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As an affiliate of Rotary, this situation is difficult to internalize. It has been challenging to maintain political neutrality and impartiality. However, through it all I recalled a quote by President Lincoln to help put it in perspective: "There's no honorable way to kill, no gentle way to destroy. There is nothing good in war. Except its ending."

**Rate the frequency of your communication with local Rotarians:**

Frequent

### Budget

**Provide your actual spending to date since grant approval in whole number amounts in the same local currency as was used in your application budget. Add new budget items if needed.**

No.	Description	Supplier	Category	Budgeted cost (ILS)	Actual spent (ILS)
1:	Tuition	Hebrew University of Jerusalem	Tuition	100000	122800
2:	Dorm Room	Hebrew University of Jerusalem	Accommodations	19000	
3:	Books and school supplies	Hebrew University of Jerusalem	Supplies	8000	
4:	Food and personal supplies for one year	Local groceries and markets	Accommodations	30000	25900
5:	Open ended return flight	American Airlines	Travel	9000	6070
6:	Train and bus pass for one year	Israel Railways and Egged Bus System	Travel	6600	
7:	Mobile Phone	Amp Cellular	Operations	1200	
<b>Total budget:</b>				173800 (ILS)	

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	<b>Total spent:</b>	154770 (ILS)
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**Describe the overall financial management of the grant, including how payments are being issued and who is responsible for issuing them. Share any financial management challenges.**

Rotary District 6290 Treasurer, James P. White, set up the bank account in the total amount of the grant. Mr. White, Chris Etienne, Jim White (2013-2014 District 6290 Governor) and Jacqueline Taylor were the signatories on this Global Scholar grant. Treasurer Jams P. White maintains the checkbook, receives all receipts from Nathan Reynolds (Scholar), via email and then substantiated with original receipts via follow-up land mail from Nathan. Two signatories are required on all checks. The Hebrew University bills Dr. Taylor and Mr. White via email for Nathan's tuition payment at the appropriate time it is due. Dr. Taylor getsthe check from Mr. White and mails it via either Priority or Express mail depending on timing and also to have a tracking number. Dr. Taylor and Mr. White send an expense check to Nathan every two months, and he provides the receipts as described above. There are just a few receipts that are unavailable such as open market purchases that Nathan makes to save funds. Nathan has been extremely careful and conscientious about providing receipts. We need to clarify that \$184.00 has been spent so far in mailing checks to Jerusalem, Israel since they must be sent via Priority or Express mail to ensure tracking. This will be an added budget item. Also, it is important to note that Nathan's expense checks cover his food and incidental expenses; that the tuition covers books & dorm room, and that we have already issued Nathan's check for his return flight. The NIS values from the budget portion were calculated by taking the dollar amount sent by Dr. Taylor and Mr. White and multiplying by the 3.5 (average exchange rate of 3.5 ILS to 1 USD).

#### Scholar Authorization

**Upon submitting your authorization, an email notification will be sent to your Rotarian sponsors to inform them that you have completed your portion of this report.**

#	Role	Name	Authorization Status	Authorization Date
1	Scholar	Nathan Reynolds	Authorized	2014-08-20

#### Authorizations

**Both host and international sponsors are required to authorize the report. If the primary sponsor is a club, then the current president authorizes the report on behalf of the club. If the primary sponsor is a district, then the current district Rotary Foundation committee chair authorizes the report on behalf of the district.**

**After the primary contact affirms that the report is complete, the report will be locked for editing and the officers authorizing this report will receive an email notification requesting their authorization.**

#	Role	Name	Authorization Status	Authorization Date
1	District Rotary Foundation Chair (DRFC)	Christine Etienne		
2	District Rotary Foundation Chair (DRFC)	Haim Kennet		

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**By authorizing this report, I confirm that, to the best of my knowledge, these grant funds were spent according to Foundation guidelines and that all of the information contained in this report is true and accurate. Original receipts for all expenses incurred will be kept on file for at least five years, or longer if required by local law, in case they are needed for auditing purposes. I also understand that all photographs submitted with this report will become the property of Rotary and will not be returned. I warrant that I own all rights in the photographs, including copyright, and hereby grant Rotary International and The Rotary Foundation a royalty-free, irrevocable license to use the photographs now or at any time in the future, throughout the world in any manner it so chooses, and in any medium now known or later developed. This includes the right to modify the photographs as necessary at Rotary's sole discretion. This also includes, without limitation, use on or in websites, magazines, brochures, pamphlets, exhibitions, and any other promotional materials of RI and TRF.**