



ISSF Award Funding Report

Please complete this form and ensure all details are correct, and up-to-date, to your best knowledge. It is essential that we capture all research-related outcomes related to the University's ISSF award scheme, for reporting purposes for the ISSF renewal application in 2016.

Award Details	
Project Title	Street Maths
Award Recipient and position (e.g. Professor, Fellow, PDRA etc).	Dr Andrew Wilson
College	CoSE
Institute / School	School of Mathematics & Statistics
Award Type	Public Engagement Bursary
Amount Awarded	£240

Glasgow Polyomics

College of Medical, Veterinary and Life Sciences, University of Glasgow, Scotland, UK, G12 8QQ

Email: polyomics@glasgow.ac.uk **Tel:** +44 (141) 330 4665 **Web:** www.polyomics.gla.ac.uk **Twitter:** @polyomics



Project Report

(500 words max)

Please refer to the terms and conditions. Include

- monitoring data (e.g. numbers of attendees/responses)
- evaluation (e.g. feedback; personal reflections)
- publicity generated
- future plans

The event ran over three days (11th/12th/19th June) at and around the larger GSF events GSF Innovates at Kelvingrove and Science Sunday. In attendance were around 600 people (300/50/250, respectively).

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Although I have been involved in similar general science street theatre pieces in the past, this was the first time that this event was run and it was very well received by the public (see feedback below). Many of the acts were new, either created by myself or adapted from other presentations. Street Theatre needs (in my opinion) to be developed on the street through improvisation so that the act can be seen by the performer through the eyes of the audience, heckling and audience responses from one show can be incorporated into the next anticipating their actions / reactions and the message delivery can be practiced to audiences of different ages & backgrounds — in this respect, the event has had a large impact on the refinement of these acts for future use. One overall aim of presenting mathematics to the public in this manner is to develop material that breaks down cultural barriers towards the appreciation and engagement with mathematics that exist in the UK and are strongly felt in the West of Scotland (eg 'I hate maths', 'I was never good at maths', etc.). Whilst it is difficult to measure social change during the performance of a street show, the written feedback received and also the conversations generated with members of the public after performances was very encouraging and with further development I believe it will certainly have a positive impact on this issue.

Aside from the publicity provided by the GSF, Street Maths was publicised in the School of Mathematics & Statistics newsletter and over Twitter to a combined network of around 400 followers.

For future runnings of the event I will look for higher footfall venues (shopping centres, festivals, busy high streets, etc.) in order to have a higher impact and generate larger crowds. I am also investigating the possibility of training undergraduates to perform the acts.

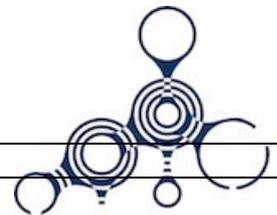
Selected Feedback received

- fun to watch the show
- Excellent presentation skills
- GREAT ABILITY TO INTERACT WITH CHILDREN & EXPLAIN COMPLEX IDEAS IN AN UNDERSTANDABLE WAY.
- Good fun, interesting, great for kids
- Wonderful great fun held children's [attention?]
- a brilliant experience
- - fantastic fun - very interesting & knowledgeable person. - funny person - easy to listen to - catches attention - confident & welcome. keep up the good work. :-) (from Glasgow)
- Dillon. Thank you for the show. I liked the pegs.
- Amazing show and conductor. Thanks for explaining maths with easy words and making it fun!
- Absolutely brilliant. My son was transfixed for an hour and more. Alison Gray
- Amy. I had fun at the Maths show. It was great fun. I liked the tricks
- Bringing science to life, fantastic! Children (aged 10 and 12) loved taking part :-)
- It was very interesting ... especially how you combine the mathematics rules and the jokes!!
- Excellent, fantastic show for adults & kids. Well done and thank you
- Great fun & educational. Thanks.
- Excellent show Fantastic tricks The children really enjoyed it. Many Thanks Mrs Haig.

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<p>Research Activity Please describe any planned or submitted grant applications, publications or collaborations associated with this award</p>	<ul style="list-style-type: none"> • how do you do it and AWESOME
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Please email the completed form to **Becky Hothersall** (Becky.Hothersall@glasgow.ac.uk).

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