

Hot Stuff

Dr Samantha Terry





Top 3 tips

- 1. Be early with everything RS deadlines are a great help if not annoying at the time
- 1. Create a large team to help
- 2. Enjoy the week



Early – key messages



Royal Society Summer Science Exhibition Form A

- Please confirm the final title of your exhibit: this should be clear, simple and eye-catching (maximum of 10 words). Hot Stuff: When is Radioactivity Good For You?
 - Please note: The Royal Society has the final editorial control of the title.
- Please provide the previous title of your exhibit, as submitted on your original application (if different from the above). N/A
- Confirm the details of the person coordinating your exhibit. This will be the person that we contact regarding forms and logistics. Samantha Terry
- 4. Please tell us three key messages or your exhibit.
 - 1. Radioactivity is all around.
 - 2. Radioactivity can image disease.
 - 3. Radioactivity can treat disease.



Early – budget

Expense		estimated
radioactive rocks x4 £30 each		£120
aprons x 8 £35 each		£280
printing leaflets		£500
branded t shirts		£500
rap song 6x £100 day rate		£600
radioactive elements		£400
promo video		£2,000
printing for pop up stand		£2,100
researcher travel during week		£700
electronic counter		£400
food during week		£400
sweets as freebies		£400
spare batteries		£100
catering at training session		£200
therapy game maker		£8,000
contingency fund		£1,800
	subtotal	£18,500

	In kind costs	approx cost
Pop up stand		£2,000
Designer time		£300
radiation detectors		
Harli Instant Imager		
plasma screen		£500
leaflets from UAR/CRUK		
Training from UAR/CRUK		£500

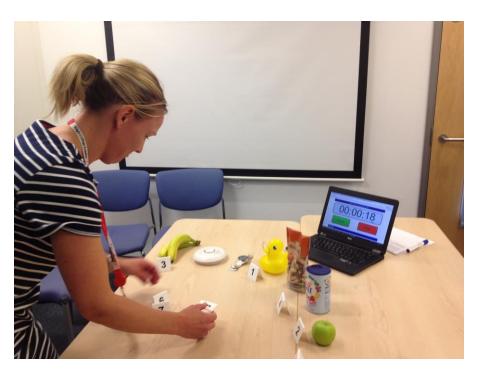
Income		
CME funding		£20,000
Lunch money from the RS		£400
King's Small Grant PE		£725
	subtotal	£21,125

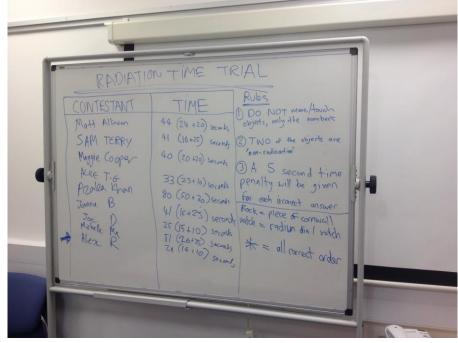


Early – activities



Test out activities







Test out activities







Test out activities







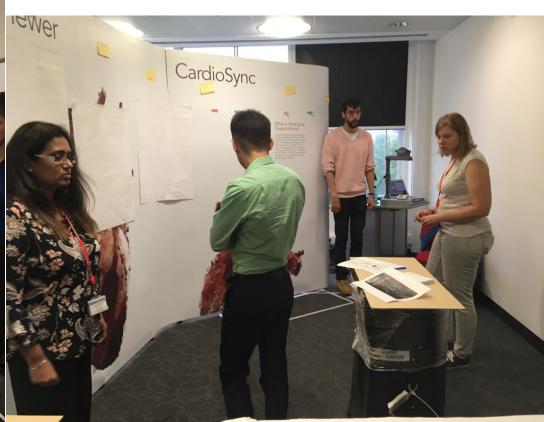
Left too late





Test space







Longevity of activities







KHP Summer School Imaging workshop

Thursday 26 July 2018

Governors' Hall, St Thomas' Hospital



Max 3 hour shift																									
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Sara Zia-Gharib	х	1	1	х	1		х	1	1			1	1	х		х	1	1	1	1	х	1	1	х	13
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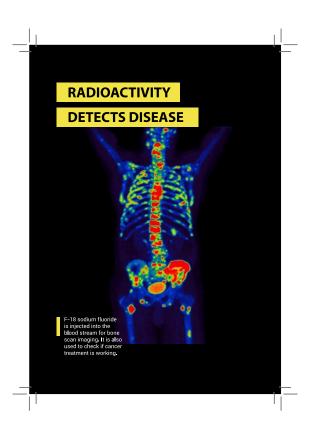


Including designer





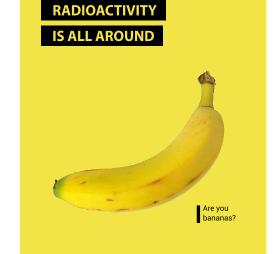
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RADIOACTIVITY

TREATS DISEASE

Molecular radiotherapies are usually injected into the bloodstream of a patient via a vein in the arm. Different types of radioactivity, usually alpha or beta particles, can be attached to tumourhoming molecules, thereby delivering radiotherapy in a highly targeted fashion. This approach provides the ability to irradiate tumour cells that have spread throughout the body also. Damage to healthy tissues surrounding tumours is less than for external beam radiotherapy.























Don't forget to evaluate



Last tips – increase your profile



Dr Samantha Terry, lecturer at King's College London, winner of the Established Researcher Award









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