

*Empowering students from the lowest income backgrounds to achieve their potential and progress to STEM careers*



## Impact Report 2015

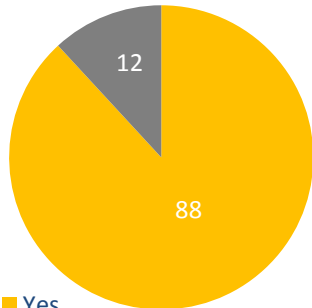
*'it's amazing that this opportunity exists. It is so hard to find work experience in such a field unless you have the connections, so for people like me, it was wonderful and I am very grateful'*

\*Dr Kate A. Hamblin, Oxford Institute of Population Ageing, University of Oxford, 01865 612 816, [kate.hamblin@ageing.ox.ac.uk](mailto:kate.hamblin@ageing.ox.ac.uk).

## 2015 Cohort: Student Demographics

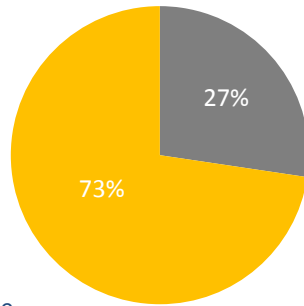
In 2015 we received over 1000 applications, held over 130 interviews for 117 places on the in2scienceUK programme.

Free school meals/No parental HE experience:



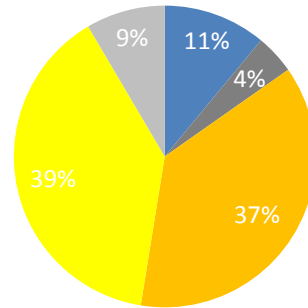
■ Yes  
■ No

Gender:



■ Male  
■ Female

Ethnicity:



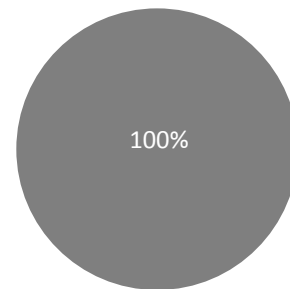
■ White – British  
■ White – Other  
■ Black or Black British  
■ Asian or Asian British  
■ Other Ethnicity

*When combined, 100% of participants receive Free School Meals or have parents who do not hold HE qualifications*

Participants came from 64 different schools .  
The most prevalent were:

Cardinal Pole Catholic School	5
City And Islington Sixth Form College	5
Sacred Heart Catholic School	5
Brampton Manor Academy	5

Did you participate in any other summer placements?



■ No



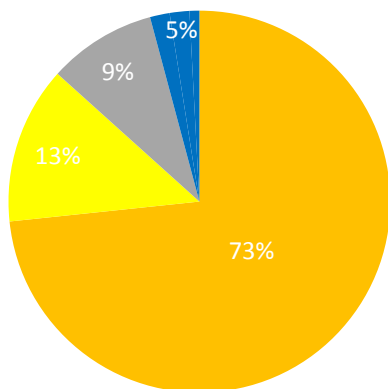
'I am really grateful that I was given this eye-opening opportunity working alongside extraordinary researchers. I could not have found such an experience anywhere else!'

**Paul, 2015 participant on placement in Prof. Gibb 's research group. UCL**

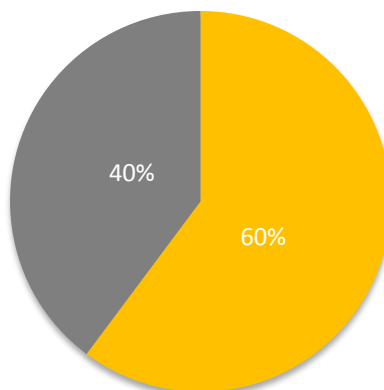
## 2015 Cohort: One year on

We surveyed our 2015 cohort in 2016 to identify where they were going following A-levels. 73% were going to university and 13% were taking a gap year before university.

Destination



Going to a Russell Group University



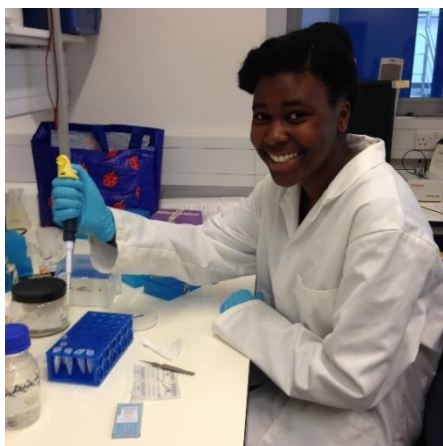
60% of the students going to university are progressing to a Russell Group university.

- Plan to go to university
- Gap year and university in 2017
- Retakes
- Other

- Yes
- No

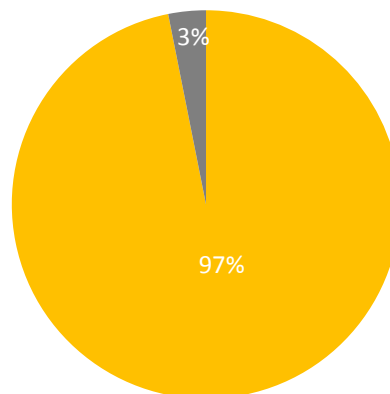
From the cohort progressing to a Russell group university the two biggest intakes are from the institutions who host research placements.

Name of institution	Russell Group (%)
University College London	32
Kings College London	17
Queen Mary	17



**‘I was able to prove that my passion for science stretched further than the four walls of the classroom’**

Science Sept onwards



- Yes
- No

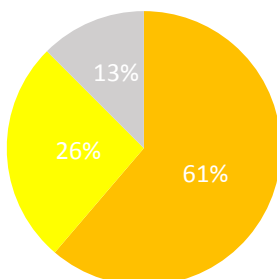
We surveyed our 2015 cohort to identify which degree subject they had applied for in order to compare it with their response pre-placement. From our data, we have seen a shift towards Chemistry, Electrical Engineering, Biochemistry, Biomedical Science and Natural Sciences. We could argue that in2science placements provided hands-on experience of subjects students had limited awareness of, and therefore broadened their horizon beyond 'traditional' or 'vocational' courses such as Medicine and Pharmacology

Subject	pre-placement %	1 year on %	Fold change	Number of placements
<b>Biology</b>	7.34	2.60	0.35	0-5
Biochemistry	5.50	10.39	1.89	20+
Biomedical Science	8.26	12.99	1.57	20+
Chemical Engineering	3.67	3.90	1.06	0-5
Chemistry	1.83	6.49	3.54	5-10.
Computer Science	2.75	2.60	0.94	0-5
Electrical Engineering	2.75	5.19	1.89	0-5
Mathematics	1.83	1.30	0.71	0-5
Mechanical Engineering	5.50	6.49	1.18	0-5
<b>Medicine</b>	25.69	16.88	0.66	0-5
Natural Sciences	3.67	6.49	1.77	20+
<b>Pharmacology</b>	4.59	2.60	0.57	5-10.
Physics	0.92	9.09	9.91	5-10.
<b>Psychology</b>	9.17	5.19	0.57	0-5
Veterinary Medicine	1.83	0.00	0.00	0-5
Other STEM	10.09	3.90	0.39	0-5
Non STEM	2.75	3.90	1.42	0-5
Unsure	1.83	0.00	0.00	0-5

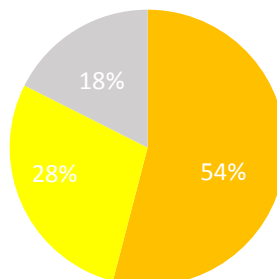
Over half of the 2015 cohort felt that in2scienceUK helped them choose a degree topic, and nearly two-thirds felt their placement had increased their enjoyment of science.

'My in2science experience was the most beneficial and eye opening 2 weeks I've ever had and has motivated me to achieve my goals'

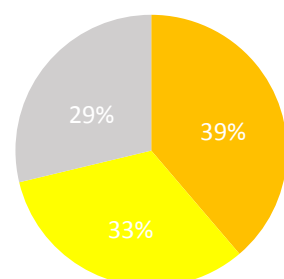
Increased enjoyment of science



Helped with degree choice



Helped decide to go to university



■ Positive ■ Neutral ■ Negative

# in<sup>2</sup>science<sup>UK</sup>

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