

Physics Teachers – Who and How



making physics matter



Teacher Training Options

- HEI or School based. HEI based may give incorrect impression. Secondary PGCEs are all broadly $\frac{2}{3}$ in school and $\frac{1}{3}$ faculty based. Work on partnership model between HEI and schools
- Available routes are
 - PGCE Physics (with science)
 - PGCE Physics and Maths
 - School Direct (training)
 - School Direct (salaried)
 - SCITT
 - Teach First

Previous allocations

- ITE Allocation (all routes except Teach First)

	2011-2012	2012-2013
Total Secondary	14,555	14,455
Total Science	2,835	2,835
Physics	925	925

- For 2013-2014 academic year, SD applications were not via GTTR and so some confusion occurred resulting in a drop in overall applications to somewhere around 600.

Application

- All applications for whatever route are now via UCAS in two phases (No longer through GTTR).
- In the first phase (called Apply 1) you can select up to 3 providers, PGCE and School Direct (or a combination). All applications are processed in parallel and so you can wait the outcome of all three before making a final decision.
- After that you apply to individual providers in turn (called Apply 2).
- More details <http://www.ucas.com/ucas-teacher-training>

Funding and Support (I)

Financial incentives for those who train in 2014/15

Training bursary 2014/15 ¹	ITT subject/phase					
	Physics, maths	Computing	Chemistry	Languages ⁴	Other priority secondary and primary ⁵	Primary maths specialists ⁶
Scholarship ²	£25,000	£25,000	£25,000	-	-	-
Trainee with first	£20,000	£20,000	£20,000	£20,000	£9,000	£11,000
2:1	£20,000	£20,000	£15,000	£15,000	£4,000	£11,000
2:2	£15,000	£15,000	£12,000	£12,000	£0	£6,000
Other ³	£9,000	£0	£0	£0	£0	£0

Funding and Support (II)

2014 YOUR GUIDE TO
TEACHER TRAINING
SCHOLARSHIPS

IOP Institute of Physics

A Physics PGCE (at Cambridge)

- A Partnership (Faculty, Schools and Teachers)
- Theory and practice, integrated not separated
 - Faculty Teaching (1/3)
 - School Placements (2/3 in 2 schools)
- Written assignments and research
- A collaborative team, strong and wide network
- PGCE, Qualified Teacher Status (QTS) and Masters Credits

Application/Interview (1)

- Personal statement is key
- Reasons for being a teacher
- Flexibility of ideas about teaching, schools, children and teachers
- Recent school experience is critical
- Other experience with school aged children, ideally 11-19 in secondary state schools

Application/Interview (2)

- Where can you get experience?
 - Ogden Teach Physics Internships
 - <http://www.ogdentrust.com/promoting-physics>
 - IOP (school experience program)
 - http://www.iop.org/education/teach/sep/page_57440.html
- Teaching Agency, IOP and Faculty of Education Staff happy to offer advice and suggestions.
- Part of James de Winters' role with the Ogden Trust is to support those interested in teaching and he is happy to offer advice and suggestions to you or alumni.
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