

Berlin - Oxford

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Joint Studentships!
Great ways to help!

More things

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- Sell topic
- International training network

An Opportunity for Graduates!

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- **Humboldt University - DESY Zeuthen**
 - Areas of research excellence
- **Oxford University - World-wide reputation**
 - Seeking Research Partnerships with Berlin
- **Establish Joint studentship programme**
- **Working on proposal this year**

German Funding opportunity

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- From Deutsche Forschungsgemeinschaft
 - DFG
 - Research Training Groups (RTG's)
 - RTG provide outstanding supervision and research opportunities to early career researchers
 - Support up to 30 doctoral research students
 - 5-10 per year supported from DFG
 - Support component of international research
 - Expect matching studentships from paired country
- Oxford and Berlin research already aligned
 - Particle Physics
 - Astrophysics
 - Accelerator physics
 - Additional areas forming
- Preparing a Proposal
- With support; why wait?!

Would like to start something for 2020/2021

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No reason to wait for proposal + response

With support from Oxford, HU, DESY and Alumni begin a programme now!

Oxford-DESY Studentship

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- DESY can support students
 - Home/EU fees
 - Stipend
 - Limited travel to/from Oxford
- Additional support required
 - Summer school
 - Research workshop (in EU)
 - Conference funding if speaking or presenting poster
 - £10k-5k makes all the difference
- Other areas:
- Research @ CERN or remote site
- College fees

STFC studentship travel support

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- Joint studentships need to be competitive
- Example - STFC Long Term attachment (LTA) support
 - CERN - £4438 p.a. up to 548 days - accommodation covered
 - DESY - £2930 p.a. up to 548 days - €1000 towards accommodation expenses
 - £200 additional travel/personal trips
 - £1300 removal costs
 - £200 travel
- **Matching or equivalent levels to attract best students**

Alumni Event in Berlin 19-23 March

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- 19 March - British Embassy
 - 5pm - Press conference of OX/BER researchers
 - ~6pm - reception
- 20, 21 March - Dinners with college alumni
 - LMH and Lincoln (Todd, Cigdem)
 - Quite a few [other colleges](#) as well
- 22 & 23 March - Further events/talks with Oxford alumni
 - Garrett, Todd

B. Todd Huffman - Oxford University



Develop preliminary curriculum for International Training network

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Basic idea for final submission to DFG - UK
the slides follow.

Joint studentships Oxford students

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- Academic Year 1

- Formal Course work
 - Attach course Curricula
- Qualification/Service Projects
 - Part of research skills
- Identify joint thesis research project
- Regular joint meeting schedule with supervisors
- 1st year transfer of status

- I want to put nice pictures on this side on each slide.



The Vision

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- Academic Year 2
 - Continue joint meeting sched.
 - Research field work
 - Programatically driven; but can include →
 - LTA at experimental site
 - LTA at Berlin w. Berlin supervisor
 - Additional experience (Laboratory/telescope)
 - Mix components of both driven by research necessity and approval of supervisors.

• This Continues into Year 3

B. Todd Huffman - Oxford University

The Vision

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- Academic Year 3
 - Continue joint meeting sched.
 - Complete remote laboratory work
 - Paper/poster/report outcome
 - Research field work
 - Continue LTA: based on established programme
 - Confirmation of status
 - Thesis timeline review

The Vision - full 4 year funding

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- Academic Year 4
 - Complete Research field work
 - Continue limited LTA if needed
 - Complete 3-4 months or earlier into year 4
 - Return to home institution
 - Final research activity
 - Thesis writing, submission during latter ½ of 4th year

Joint programme - Adds Value

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- Experience in Berlin/Zeuthen
 - Top institutions and laboratories
 - Additional contacts: students, professors, laboratory physicists
 - Unique Research projects:
 - Test beams
 - Accelerator operations
 - Telescopes (?)
 - Instrumentation
 - Laboratory systems development
- Opportunity
- Additional experience
- More exposure
- Opportunities post-graduation
- Additional 6 months adds this value.

Clarity required

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- Supervision arrangements
- Time spent where
 - Example: 6 months HU, 1 year CERN
- Expenses paid and by whom
 - Travel to and from location
 - Travel to Experimental/Internal Workshops
 - Summer school
 - Stipend
 - Additional living allowances while abroad.
 - Fees (Home fees - Scholarships from Oxford?)
 - **Cannot over-emphasize the import of clarity here**