

## PhD Studentships in Modern Statistics and ML in Oxford & Warwick

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<http://www.biometricsociety.net/2015/11/13/phd-studentships-in-modern-statistics-and-ml-in-oxford-warwick/>

The EPSRC & MRC Centre for Doctoral Training (CDT) in Statistical Science is now inviting applications for 10 fully-funded DPhil studentships at the University of Oxford and the University of Warwick to start in October 2016. Students with a strong background in mathematics, statistics and computation are particularly encouraged to apply. We are seeking to train experts in modern statistical and machine learning methods.

The CDT focuses on

- Training researchers in the core statistical methodology, computation and theory underpinning modern applications, involving large high-dimensional, heterogenous data;
- Enhancing interdisciplinary collaboration, methodological rigour and joint understanding in efficient scalable statistical methods for scientific data analysis;
- Building a community of UK and International scholars, concerned with developing these approaches and methodologies;
- Establishing a centre for a network of different interest groups and disciplinary approaches working towards providing future industrial and academic research leaders, by enhancing collaboration between the academic community and practioners (government, international institutions and private sector);

Successful researchers will be able to program on distributed high-performance computing and communicate effectively with 'data owners' (before and after the data collection). They will use these skills and this knowledge to develop the new theories, methods and algorithms needed for the analysis of "big data" on massively parallel modern computing devices. This will revolutionise the way in which the science industry and government manipulate and handle massive, heterogeneous data objects.

Because of constraints from funding agencies, there are different rules for funding depending on your fee status:

\* UK and EU students: Full funding (fees and stipend) is available for successful candidates.

\* Non-EU students: Full funding is available for successful candidates. These studentships are highly sought after. For details see the web link below

<http://www.oxwasp-cdt.ac.uk/funding.html>

There are two deadlines for applications:

\* 22 January 2016 — all UK and EU applicants should apply by this deadline for full consideration

\* 11 March 2016 — any remaining UK and EU studentships will be allocated in the third round

See <http://www.oxwasp-cdt.ac.uk/how-to-apply.html> for further information and application forms.

Enquiries can be sent to [oxwasp.admissions@stats.ox.ac.uk](mailto:oxwasp.admissions@stats.ox.ac.uk). You can also visit us at the Graduate Open Day, Mathematical Institute, Oxford, Wed 18th Nov 2015, 1.30pm.

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