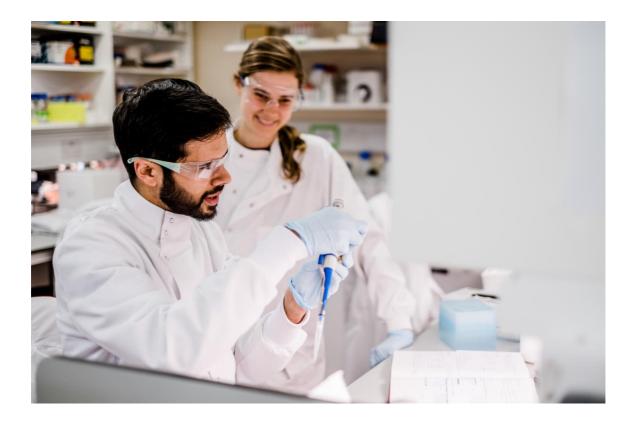




Graduate Student Handbook 2021-22



New Students

This handbook will give you the information you need to get started and guide you through the requirements of the DPhil programme. It contains general information about the DPhil programme and some information specific to your division, along with useful contact details.

Current Students

If this is not your first year, and you have already received an induction, please refer to this version of the handbook for updated information.

Handbook

The handbook is also available from the <u>RDM website</u> along with an editable version of the training record forms to download. The RDM website is also a good source of the latest information on the department and developments in graduate studies.

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Welcome to the Radcliffe Department of Medicine



I am delighted to welcome you to the Radcliffe Department of Medicine (RDM), home to internationally renowned programmes in a range of areas including cardiovascular sciences, diabetes and endocrinology, immunology, haematology and pathology.

You may be joining us as a DPhil Student in Medical Sciences or as a DPhil student from one of the Doctoral Training Centre programmes but whatever your background you will be a member of one of the biggest departments in

the Medical Sciences Division. RDM is internationally recognised for its cutting-edge research into some of the world's biggest health issues and we can offer you the support and expertise that will enable you to realise your full potential as world-class scientists.

I encourage you to take advantage of all the exciting opportunities that RDM and the wider University has to offer you during your time at Oxford. But above all I hope that you enjoy your time with the RDM. *Professor Hugh Watkins, Head of Department*



off to a great start.

A warm welcome to the DPhil in Medical Sciences. The Graduate studies team of RDM has put together a handbook to guide you through the main milestones of your DPhil. I hope you will find the handbook useful. Additional information can be found on the RDM and Medical Sciences Division Graduate School website. If you have any questions, please do not hesitate to contact your local Graduate Advisor, the RDM Graduate Manager, Jill Walker, or myself. We are here to help you navigate the academic requirements of your DPhil and see you

With best wishes for your studies, Professor Marella de Bruijn, Director of Graduate Studies

INTRODUCTION

Location and Structure of the RDM

You are now enrolled as a student at the Radcliffe Department of Medicine (RDM), one of the largest departments of the Medical Sciences Division (MSD), one of five Divisions in the University of Oxford.

RDM was formed in 2012 and unites four divisions and one research institute.

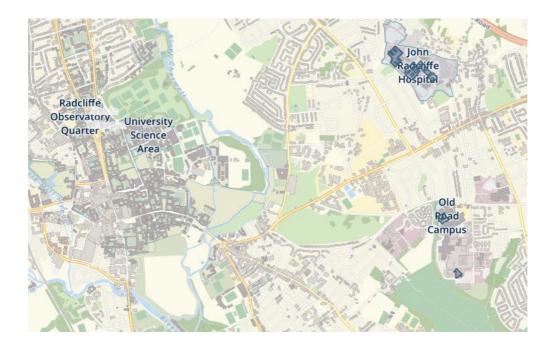
- Division of Cardiovascular Medicine (CVM)
- Investigative Medicine Division (IMD)
- Nuffield Division of Clinical Laboratory Sciences (NDCLS)
- Oxford Centre for Diabetes, Endocrinology and Metabolism (OCDEM)
- MRC Weatherall Institute of Molecular Medicine (WIMM)

More information about each of these can be found on the <u>RDM website</u>.

The WIMM hosts many of the PIs in IMD and NDCLS and where many of our students are based. The WIMM is also home to PIs and students from a number of other non-RDM departments from within the MSD such as Oncology and the Nuffield Department of Medicine.

RDM operates a devolved structure, with each division and the WIMM having their own local leadership and administration. A small central administrative team, RDM Strategic, (RDMS) provides support and strategic oversight across the department.

You will either have enrolled directly as a DPhil student in Medical Sciences or come to us via one of Oxford's Doctoral Training Centre programmes. As an RDM DPhil student you may be located at one of three sites: the John Radcliffe Hospital, the Old Road Campus or the Churchill Hospital (<u>https://www.rdm.ox.ac.uk/about/where-to-find-us</u>).



RDM Graduate Team

The **Director of Graduate Studies (DGS)** of RDM has an academic responsibility for the graduate students on the DPhil programme.

In each RDM division and the WIMM there are local **Graduate Advisors (GA)** assisting the DGS. They are the *de facto* DGS for students in those areas. You can go to them for advice when your supervisor is unable to help and you will require their signatures when completing Graduate School Office (GSO) progression forms (page 11).

The **Graduate Studies Manager**, based in RDM Strategic, supports the DGS and can offer support and advice on all procedural and administrative issues affecting RDM students.

Graduate Administrators in each of the divisions and the WIMM support the Graduate Advisors and are available to give advice to students within those divisions about local issues such as Health and Safety, finance (stipend payments), IT etc.

Medical Sciences Graduate School Office

The MSD sets the guidelines and policies for graduate studies across the Division. The MSD **Graduate School Office (GSO)** oversees the various milestones associated with the RDM DPhil in Medical Sciences.

Official guidance, forms and detailed information about all the processes in this handbook is available from the Medical Sciences Division through their <u>Canvas</u> site. This is accessible to you as soon as you have been issued with your Single-Sign On details.

RDM Director of Graduate Studies and Graduate Advisors

Weatherall Institute of Molecular Medicine



Professor Marella de Bruijn Administrator: <u>Fiona Lambert</u>

Division of Cardiovascular Medicine



Professors Shoumo Bhattacharya and Damian Tyler Administrator: <u>Emma Burke-Smith</u>

Radcliffe Department of Medicine



Dr Jill Walker Graduate Studies Manager

Investigative Medicine Division



Professor Simon Davis Administrator: <u>Jo Hovard</u>

Nuffield Division of Clinical Laboratory Sciences



Professor Jacqueline Boultwood Administrator: Joanne Lavender

Oxford Centre for Diabetes, Endocrinology and Metabolism



Professor Leanne Hodson Administrator: <u>Supprina Thebe</u>

YOUR DPHIL

Supervision

Your supervisors should be your first point of contact for all matters concerning your DPhil. They will guide you through the formal processes required for your academic progression, as outlined in this handbook.

All supervisors are required to adhere to the Code of Practice for Supervisors provided by the Medical Sciences Division (this can be found on the Graduate School <u>Canvas</u> page). A brief summary of the most important points is given below.

All students in the Medical Sciences Division must have at least **two** supervisors. If you have not already identified a second supervisor you should talk to your current named supervisor for advice and a second supervisor must be appointed by the end of your first term.

You should have regular meetings with your supervisors to discuss your progress, future plans and any concerns you may have. Where problems arise your supervisor should provide guidance and assistance to help take corrective action. If both of you are unsure then contact the Graduate Studies Manager or the DGS.

Your supervisor's support is needed for the completion of all progression forms (See Academic Progression p10) and also for the completion and monitoring of your Training Needs Analysis (TNA) form.

Your supervisor will make clear to you their expectations regarding your working hours and vacation arrangements.

Supervisors are responsible for all aspects of health and safety of the students in their care and for the safe conduct of all experiments carried out in the course of your research. You should be provided with a Lab Induction which will cover Health and Safety and lab protocols.

College Advisors

In addition to your departmental supervisors you also have a College Advisor or Tutor who oversees your general progress and can offer advice independent of the Department.

Training

Training is an essential part of the DPhil programme and you will be required to provide evidence of your participation for all of the key milestones in your DPhil career. Your attendance at seminars, workshops, conferences, journal clubs, presentations or special events can be recorded in the back of this handbook or electronically. These training records may be reviewed at the end of each academic year.

There are 3 levels of training:

- 1) specific techniques & methods you need for your own project
- 2) broader techniques & methods delivered by MSD & the WIMM training programme
- 3) generic & transferable skills provided by the RDM and the MSD

Training Needs Analysis

You will need to complete a **Training Needs Analysis (TNA)** (Appendix A) with your supervisor at the start of each year, to make sure your training needs are identified and acted upon in good time. As a first-year student you must complete your TNA *during your first term as part of your Graduate Supervision Report*. The completed TNA will also be part of your submission at Transfer and Confirmation of status. You may also complete the TNA at other times in eVision using the TNA web form available in the Supervision Reporting area of <u>Student Self Service</u>. More information about the TNA can be found on the Graduate School <u>Canvas</u> site.

Mandatory RDM Courses

There are a number of courses which are mandatory for all members of the RDM and you should aim to complete these in your **first term**.

<u>Research Integrity</u> and <u>Avoiding Plagiarism</u> courses are mandatory online courses that must be completed in your first term.

Further information about Plagiarism can be found on the University's <u>Students Study Skills and Training</u> website.

The following courses must be completed and are available through the <u>People and Organisational</u> <u>Development</u> website.

- Equality and Diversity Training
- Implicit Bias
- Information Security
- <u>Challenging Behaviour: Dealing with bullying and Harassment in the workplace</u>

Medical Sciences Division Skills Training

Generic skills training providing transferable, research and academic skills is offered through the <u>Medical Sciences Division's Skills Training Programme</u>. The courses broadly fall into four themes: Research Skills, Teaching Skills, Communication Skills and Career Development. They offer a comprehensive range of courses covering many important areas of researcher development: knowledge and intellectual abilities, personal effectiveness, research governance and organisation, and engagement, influence and impact. Training is also offered to help you negotiate your Transfer of Status and writing your thesis.

Students are actively encouraged to take advantage of the training opportunities and resources available to them.

The majority of the initiatives and presentations provided by the MSD are optional and should be discussed with your supervisor during your annual Training Needs Analysis. Some are compulsory for all students and you should make sure you attend. There are also Divisional Seminar Days to attend and an Induction at the commencement of your studies.

We suggest that you:

- Browse through the contents and pick those recommended for your year of study
- Discuss with your supervisor during your annual Training Needs Analysis
- Plan early as courses are run at different times of the year, and can get booked up
- Enrol via the website
- Make a note of any training you have completed in your training record.

Please Note: Medical Sciences applicants wishing to attend any of the Skills Training Programmes may be required to pay a £20 refundable deposit per course. Your place on the courses will only be confirmed once payment has been received. Upon attendance on the course (as confirmed by the sign-in sheets) your deposit will be refunded back. If you fail to attend the course, partially attend or cancel with less than 2 working days (Mon - Fri) notice, you will forfeit your deposit.

MRC WIMM DPhil Course

Students based in the WIMM must attend the **MRC WIMM DPhil Course** and all other RDM students are encouraged to enrol for this course as well. It takes place in the autumn of your first year. Running over several days, this course helps students to develop basic research and presentation skills, as well as introducing them to a wide range of scientific techniques and principles, ensuring that students have the opportunity to build a broad-based understanding of differing research methodologies. If you have any queries regarding this course please contact <u>Professor Simon Davis</u>.((Timetable on following page.)

Alternative sources of training

As well as the specific training detailed above, students will have access to a wide range of seminars and training opportunities through the many research institutes and centres based in Oxford.

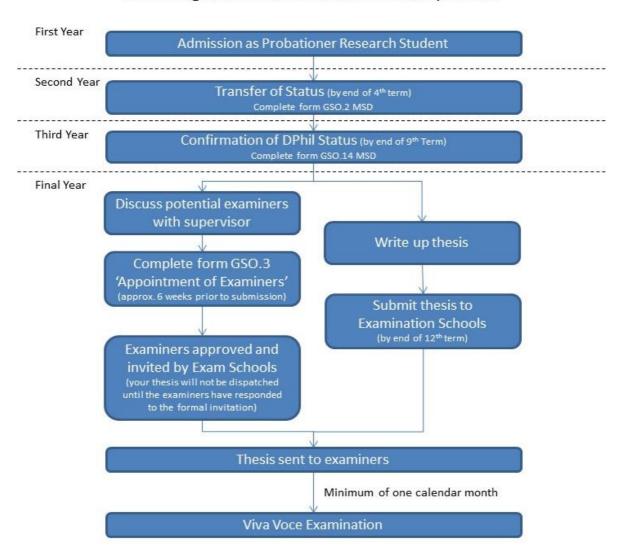
The 2021 WIMM DPhil Course

Co-ordinators: Simon Davis, Oliver Lui Everybody welcome but compulsory for 1st year WIMM-based DPhil students To be run via Microsoft Teams

Session	торіс	SPEAKER	
Week 1	Two-day symposium		
	Tuesday 2 nd and Thursday 4 th November		
2-4.30 pm each day	Experimental Design and Statistics in Pre-clinical Research: the Good, the Bad and the Ugly	Manuel Berdoy	
Week 2			
	Tuesday, 9 th November ²⁰		
9.00 – 9.50 am	How to do a DPhil	Hal Drakesmith	
9.50 – 10.40 am	Cell culture	Louise Johnson	
10.40 – 11 am	Coffee Break		
11 – 12.40 pm	Research ethics	Mariolina Salio & Andrew McMichael	
	Thursday, 11 th November		
9.00 – 9.50 am	Philosophy of Science	James Read	
9.50 – 10.40 am	Genomics and gene regulation	Steve Twigg/Jim Hughes	
10.40 – 11 am	Coffee Break		
11 – 11.50 am	Applications of electron microscopy	Errin Johnson	
11.50 – 12.40 pm	Bioinformatics	Steve Taylor	
Week 3			
	Tuesday, 16 th November		
9.00 – 9.50 am	Single cell approaches	Neil Ashley & Simona Valletta	
9.50 – 10.40 am	How to read/write scientific papers; creativity	Simon Davis	
10.40 – 11 am	Coffee Break		
11 – 11.50 am	Mathematical modelling	Eamonn Gaffney	
11.50 – 12.40 pm	RNA methods	Jan Rehwinkel	
	Thursday, 18 th November		
9.00 – 9.50 am	High resolution and single molecule imaging	Kseniya Korobchevskaya	
9.50 – 10.40 am	Presentation basics	Kevin Coward	
10.40 – 11 am	Coffee Break		
11 – 11.50 am	Genome engineering	Philip Hublitz	
11.50 – 12.40 pm	Protein structural analysis	Robert Gilbert	
Week 4			
	Tuesday, 23 rd November		
9.00 – 9.50 am	Protein expression and the Biacore	Mafalda Santos	
9.50 – 10.40 am	Stem cell technologies	Bethan Psaila	
10.40 – 11 am	Coffee Break		
11 – 11.50 am	Confocal microscopy	Chris Lagerholm	
11.50 – 12.40 pm	Immunohistochemistry and related techniques		
	Thursday, 25 th November		
9.00 – 9.50 am	Proteomics and metabolomics	Darragh O'Brien	
9.50 – 10.40 am	Public engagement; intellectual property	Petra Kiviniemi & Matt Carpenter	
10.40 – 11 am	Coffee Break		
11 – 11.50 am	Flow cytometry and the CyTOF	Paul Sopp & Michalina Mazurczyk	
11.50 – 12.40 pm	Transgenic and knockout mouse generation	Ben Davies	
10-12 pm	Thursday, 2 nd December	MCQ TEST (WIMM STUDENTS ONLY)	

ACADEMIC PROGRESSION

FIGURE ONE



D.Phil. Student Career including submission and examination process

Figure 1. Summary of the DPhil career and the process of submission and examination.¹ GSO forms can be found at: <u>https://www.ox.ac.uk/students/academic/quidance/qraduate/progression</u>

At the start of your studies you will meet with your supervisors to:

- discuss your research project
- identify key milestones that must be met
- arrange to meet on a regular basis to discuss your work and the progress that you are making.
- complete the Training Needs Analysis Form to be uploaded to GSR by the end of your first term.

¹ Students working on three-year projects (i.e. those with three years of funding) should aim to undergo transfer of status by the end of their 3rd term and confirmation of DPhil status by the end of their 7th term. Students on four-year structured programmes (e.g. MSDTC programmes) need to complete transfer of status by the end of their 6th term and confirmation of status by the end of their 10th term.

MILESTONES

All DPhil students are admitted initially as Probationary Research Students (PRS). Before final Submission of your thesis you must complete two milestones, Transfer of Status and Confirmation of Status (Figure 1).

The process and possible outcomes of each milestone can be found on the MSD Graduate School <u>Canvas</u> page. All forms for these milestones can be downloaded from this site and should be completed by yourself, your supervisors, your college and your local Graduate Advisor. The completed forms should be sent to the Graduate Studies Administrator for processing and forwarding to the Medical Sciences Division for approval by the Board.

Transfer

- By the end of your fourth term (3rd term for 3-year students) you are expected to complete your Transfer of Status. The Transfer meeting must be held **before** the deadline date of your Transfer as shown in your Welcome letter.
- 2. The Transfer of Status procedure is not so much a critical assessment of your data, rather it is an assessment of the skills you have developed, your progress to date, your plans for your work and the likelihood of completion of the DPhil programme.
- 3. **GSO form**. Complete a <u>GSO.2 MSD form</u> which includes a Training Needs Analysis form.
- 4. Assessor selection. Your supervisor is expected to nominate two assessors and to ensure that they are willing to act. Note that the supervisor is not permitted to be an assessor and may not be present at the transfer interview. One member of your Thesis Committee (p14) may be an assessor for your Transfer meeting. You will undergo a formal oral assessment by the two assessors. You are responsible for arranging this meeting.
- 5. **Signatures** Ensure that the GSO form is completed and signed by all parties to include yourself, your supervisor(s), your College, local Graduate Advisor or Director of Graduate Studies.
- 6. Transfer report submission. Submit the completed GSO form to the Graduate Studies Manager (graduate.enquiries@rdm.ox.ac.uk) at least two weeks prior to your Transfer meeting, stating the date of your meeting. This form together with an assessors' report form and a copy of the Guidelines for Transfer of Status Assessors in the Medical Sciences will be sent by the Graduate Studies Manager to both assessors in advance of the meeting.
- 7. Approval by the Medical Sciences Board. The completed report indicating the assessors' recommendation will be returned to the Graduate Studies Manager following your oral assessment and will then be forwarded to the Divisional Graduate Studies Assistants along with the completed GSO.2 MSD form. Then, all of the documentation is sent to a representative of the Medical Sciences Board for approval. The transfer procedure is not complete until this approval has been gained; you will be notified directly in writing once the procedure is complete.

Confirmation

- 1. You are required to Confirm your DPhil Status by the end of your 9th term (7th term for 3-year students).
- 2. The purpose of the Confirmation procedure is to determine whether you have made adequate progress since transfer of status and to ascertain whether you will be in a position to submit for examination in due course.
- 3. Assessor selection. Your supervisor is expected to nominate two assessors and to ensure that they are willing to act. Note that the supervisor is not permitted to be an assessor and may not be present at the Confirmation interview. One member of your Thesis Committee (p14) may be an assessor for your Confirmation meeting. You are responsible for arranging this meeting.
- 4. **Complete and submit a <u>GSO.14.MSD</u> form**. The completed form must be signed by yourself, your supervisor, your college and your local Graduate Advisor or Director of Graduate Studies.
- 5. Submit the completed GSO form to the Graduate Studies Manager (graduate.enquiries@rdm.ox.ac.uk) at least two weeks prior to your Confirmation meeting, stating the date of your meeting. This form together with an assessors' report form and a copy of the Guidelines for Confirmation of Status Assessors in the Medical Sciences_will be sent to both assessors in advance of the meeting.

When reviewing your GSO form, the Medical Sciences Board expects:

A full contents list (ideally appended) that shows that you have given some thought to the structure of your thesis and should include sub-headings for each chapter Milestones of any remaining work to be undertaken with a sentence of explanation to justify the time estimated and dates for the submission of draft chapters to the supervisors to comment on. **Training Needs Analysis form to accompany the GSO.14** You should fill in the first column in all five sections of the form and then add relevant details to the other two columns. At this point in your graduate career, the Medical Sciences Board would expect to

other two columns. At this point in your graduate career, the Medical Sciences Board would expect to see some examples of the training you have undertaken in the second column of each section and also comments on your career development in the final section. You do not need to submit a written report.

- 6. Presentation. You must give a presentation of your research which will be viewed by two assessors, followed by an interview with the two assessors. Your supervisor/s must not be present at the interview. 'Supervisor/s' in this context means *anyone* in the supervisory team, i.e., including secondary supervisors.
- 7. After the interview. Following the presentation and interview, the assessors will report to the Medical Sciences Board on your suitability for Confirmation of D.Phil. status. The recommendation reported by the assessors will be based on the information provided in/with the GSO.14.MSD and in the supplementary information from you in conjunction with your presentation and interview.
- 8. If your 1st application for Confirmation of Status is not approved, you will be permitted to make one further application, following the procedures detailed above, normally within one term of the original application and will be granted an extension of time for one term if this is necessary for the purposes of making the application (i.e. if you made your 1st attempt to confirm in your 9th term, you will be granted an extension until the end of your 10th term to complete your 2nd attempt to confirm).

Submission of Thesis

Students are expected to submit their thesis within twelve terms from their start date². Students should check their Welcome Letter for their submission deadline.

Before starting the process for the Appointment of Examiners please read the Notes of Guidance for Research Examinations (<u>GSO.20a</u>).

Students must complete the online form **GSO.3 for the Appointment of Examiners** which can be accessed via the My Student Record section of <u>Student Self-Service</u>. The form should be submitted **at least six weeks prior** to the submission of your thesis to allow time for approval of the Examiners by the Medical Sciences Board and the examiners' formal acceptance.

Students must submit a digital copy of their Thesis via Research Thesis Digital Submission (RTDS). Further information can be found on the <u>Research Examinations webpage</u>, including a guide to <u>submitting digitally</u>.

Exceptional Circumstances

If you find yourself in exceptional circumstances and require appropriate adjustments to your study timescales and arrangements, you should discuss this with your supervisor and College Advisor. With their support you may use exceptional circumstance forms to apply for deferral of milestones, extensions, suspensions, withdrawals, and reinstatements. Information about these circumstances and the relevant application forms can be found on the MSD Graduate School <u>Canvas</u> page or on the University's Students <u>website</u>.

² Candidates in receipt of a Research Council award must ensure that they are aware of their submission deadline, which may differ from those set as standard by the University. Any applications for extensions of time for Research Council funded students must also have the support of the Research Council concerned, even if the student is no longer receiving financial support.

MONITORING ACADEMIC PROGRESSION

- On a day-to-day basis it will be your supervisors who provide continuous guidance and ensure that you have access to suitably qualified scientific staff within the laboratory.
- Your divisional Graduate Advisor will monitor your academic progression and broader skills training
- Your College Advisor oversees general progress and can offer advice independent of the Department
- Termly reporting (Graduate Student Reporting, GSR)
- Thesis Committees

Graduate Student Reporting (GSR)

At the end of each term and once during the summer vacation you should submit a written report on your progress via **Graduate Supervision Reporting**.

This is an opportunity to reflect on your achievements, comment on your progress with your graduate work and note the number of meetings you've had with your supervisor(s) and College Advisor. You will also be able to set a flag to indicate if you have any concerns about your academic progress. At the end of your first term, you will also need to upload the TNA form. Your supervisors should then submit a report on your progress. All reports are viewed by the College Advisor and the DGS to ensure that continued progress is being made.

The 'windows of opportunity' for both students and supervisors to complete a report are fixed (student reporting takes place in weeks seven to nine of term) - so make sure you submit on time. You will receive email reminders when you are able to submit your GSR reports.

Flagging Concerns on GSR

Student concerns should relate directly to academic progress. If students are dissatisfied with any other aspects of provision e.g., their supervisory relationship or their working environment, they should raise these with their Graduate Advisor or Director of Graduate Studies in the first instance and pursue them through the department's complaints procedure if necessary.

Supervisors should discuss any concerns about academic progress with the student before flagging a concern in GSR.

Graduate Advisors should review all flagged concerns and take action as appropriate. Where necessary the concern should be referred to the Director of Graduate Studies who will note any actions already taken before resolving the matter.

Minor concerns - Satisfactory progress is being made, but minor issues have been identified where further action may be required to keep progress on track.

Major concerns - One or more factors are significantly affecting progress and further action is required now to keep progress on track.

Severe concerns – Progress is being seriously affected by one or more factors and a meeting with the Director of Graduate Studies should be held as soon as possible to discuss further action to get progress back on track.

You can find more information in the GSR manual.

Thesis Committees

Thesis Committees are an extension to your core supervision structure and have a purely advisory role. The Thesis Committee advises on your academic work, monitors progress and can flag any concerns. It helps you work towards timely completion of your DPhil.

It is your responsibility to organize the meetings (i.e. find suitable date, space, take care of the paperwork, etc.)

If your department has regular advisory meetings, a presentation of your work at such a meeting could be accepted in place of a Thesis Committee. You should check with your local Graduate Advisor that they are are happy with this alternative.

Membership of the Thesis Committee

Your Thesis Committee will normally consist of 4 to 5 people:

- your supervisors
- 2 to 3 additional PIs not directly involved in your project/line of supervision³
- The additional members of your Thesis Committee are invited after you are sufficiently clear about the general direction of your project, which will normally be no later than your 2nd term.
- Consult with your supervisor about who to invite.
- When assembling your Thesis Committee consider the expertise, scientific standing and seniority of the additional members (aim for a balance with your supervisor's seniority), and whether you would feel comfortable raising any issues you might have with them.
- They should not be close collaborators.
- At least one of the additional members should be internal to the University of Oxford; for practical reasons most of them usually are.

The additional members of your Thesis Committee can serve as Transfer and Confirmation of Status assessors, provided their involvement remains purely advisory and does not move into the supervisory realm (e.g. when interactions become more frequent or they become collaborators), and they meet the assessor criteria of the Medical Science Board. Only one of your Thesis Committee members should be appointed as a Transfer or Confirmation of Status assessor.

A Thesis Committee member cannot normally serve as internal examiner for your thesis viva. Thesis Committee members are well placed to provide a reference for you.

Frequency of Thesis Committee Meetings

The Thesis Committee normally meets once a year. More meetings can be called, by the Committee or you, if there are concerns about any aspects of your DPhil. The first meeting should be in your 3rd term the latest. This meeting provides an excellent opportunity to test-run your Transfer of Status viva in term 4.

³ An exception to this are instances where students already have 4 or more official supervisors, e.g. because of industry placements (iCASE studentships). In this case, the supervisors further removed from the direct line of supervision can fulfil the role of the Thesis Committee. Note that in this instance Thesis Committee members cannot serve as Transfer or Confirmation of Status Assessors. If you are not certain about how to compose your Thesis Committee, ask your DGS or local Graduate Advisor for advice.

What to Expect from your Thesis Committee

The focus of a Thesis Committee meeting will be guided by the stage of your career.

First Year: Expect an emphasis on the foundation and grasp of project.

Second Year: The committee will look at your data generation, interpretation, and research plans.

Third and Fourth Year: Your career prospects and finalizing your studies successfully in the 3rd (and 4th) years will be the focus of attention.

In general, Thesis Committee meetings provide an opportunity to take a step back and get feedback not only on your direct work but also on the bigger picture and impact of your studies as your Thesis Committee members are likely to be further removed from your direct topic.

Prior to a Committee meeting:

At least three working days prior to the meeting, you provide members of the Thesis Committee with a brief progress report of no more than 2 pages, including the aim of your studies, results obtained and experimental plans. This report does not normally include any figures: you will be expected to prepare a 15-minute presentation for the Committee meetings which is where you can show your data.

A typical Thesis Committee meeting (1 hour):

- 15-minute presentation outlining your project and highlighting your most important findings.
- Discussion of your data, project, and future plans. Often you will be interrupted during your presentation
- Sometimes the discussion and presentation coincide, at least in part.
- Both your supervisor and you will each have the opportunity to meet with the other Committee members in private to comment on your progress and flag any concerns. For this the Committee will first ask the student to step out of the room temporarily, and next the supervisor.
- The meeting ends with a Committee discussion and completion of the report form (at which neither the student nor the supervisor are present)
- Feedback is provided to the student at the meeting.

For more information and thesis committee forms please see the <u>RDM website</u>.

Annual Meeting with the DGS/GA

At the end of each academic year you will be required to meet with your local DGS/GA to review your progress and your participation in skills training (e.g. MSD courses), presentations, journal clubs, seminars/lectures, conferences/meetings, publication record, teaching/supervision (if applicable), generating a CV.

Blank forms for you to update throughout your graduate studies are available at the back of this Handbook, or are downloadable from the <u>RDM website</u>.

You should present this information to your DGS/GA at the annual meeting, which also an opportunity for you to discuss any concerns you may have regarding the Graduate Training or to seek advice on the program.

FIRST YEAR CHECKLIST

Making a good start in the first year of your graduate program is vital to ensure you progress towards your final degree in an appropriate time frame. You will already be aware of your project area before you start, but this year is key to refining the **aims of your project**. In addition to your main **supervisor**, you should also have a second **recognised co-supervisor**. Additional input will come in the form of a **thesis committee**. In addition to learning the techniques you need for your project, there are also many transferable skills you are required to develop including **writing and presenting skills**.

The following list provides the recommended meetings, seminars, courses and events for all graduate students in their first year of study. (A more detailed downloadable checklist is also available from the <u>RDM website</u>):

- 1. Meet with supervisor(s) to discuss the project.
- 2. If you do not already have a second supervisor appoint one by the end of the first term in consultation with your existing supervisor.
- 3. Attend remote RDM Graduate Induction (Monday 4 October, Tuesday 5 October).
- Attend the remote Medical Sciences Graduate School Welcome Event (13:00-15:00 on Friday 1st October)
- 5. Attend Safety Induction within your division/local building.
- 6. Attend required safety courses for specific skills (e.g. radiation or liquid nitrogen handling).
- 7. Complete RDM departmental mandatory training (Equality and Diversity Training, Implicit Bias, Information Security, Challenging Behaviour: Dealing with bullying and Harassment in the workplace).
- 8. Use your Single-Sign On to access official Graduate Student guidance on the <u>Canvas</u> page.
- 9. Learn how to use Graduate Supervision Reporting (GSR) to write *quarterly* reports on your progress. You can access it via <u>Student Self-Service</u>.
- 10. Complete a Training Needs Analysis (TNA) form and upload it to GSR by the end of your first term together with your first quarterly report (the TNA form is available from the Graduate School <u>Canvas</u> page).
- 11. Maintain a student log and working hours spreadsheet recording any disruptions to your research
- 12. Invite people to form your thesis committee and have your first meeting by the end of your third term.
- 13. Complete the compulsory <u>plagiarism and research integrity training online</u>:
- 14. Enrol for Medical Sciences Skills Training:
 - Some recommended topics for year one.
 - a. Managing Your Supervisor (provided as part of induction for October starters)
 - b. Presentation Skills
 - c. Writing Skills Transfer Report
 - d. Preparation for Learning and Teaching at Oxford
 - e. Introduction to Research Ethics
- 15. Attend the MRC WIMM DPhil Course (See page 13 of this Handbook)
- 16. Attend local and divisional seminars during term time.
- 17. Attend annual review meeting with DGS/GA.

SECOND YEAR CHECKLIST

As you build on the expertise and data accumulated during the first year, **your project should now be well defined**.

You will continue to be registered as a Probationer Research Student (PRS) and the **Transfer to DPhil status** is the key task for Term 4. You can find a brief outline of the transfer process in the 'Monitoring Progress' section in this handbook. More information and the **GSO.2.MSD** form to complete prior to transfer are available from the Medical Sciences Graduate School <u>Canvas</u> page:

If you have any questions please email your local Graduate Advisor for clarification. It is important for you to understand that the Transfer of Status procedure is not so much a critical assessment of your data, rather it is an assessment of the skills you have developed, your progress to date, your plans for your work and the likelihood of completion of the DPhil programme.

In addition to meeting with your supervisors regularly there is also a minimum number of events, courses and seminars that you should attend and record. You should:

- 1. Meet with supervisors to discuss the project and your plans for Transfer of Status
- 2. Meet with your thesis committee
- 3. Prepare a report for the PRS to DPhil transfer process, including a plan of future studies and timetable for submission.
- 4. Complete the appropriate form for Transfer of Status (GSO.2.MSD)
- 5. Update/revise your TNA form and submit it alongside the Transfer of Status form
- 6. Transfer from PRS to DPhil status according to University requirements
- 7. Enrol for Medical Sciences Skills Training:
 - (i) Transfer of Status Assessment Workshop
 - (ii) Developing R Programming Skills
 - (iii) Navigator (men) or Springboard (women) careers programmes
 - (iv) Developing Learning and Teaching
 - (v) Poster Production
- Book a one-to-one careers guidance session with the <u>Careers Service</u> and attend the RDM Careers Day
- 9. Continue to attend local and divisional seminars during term time

10. Attend annual review meeting with DGS / GA

THIRD & FOURTH YEAR CHECKLIST

The DPhil must be submitted within a **maximum of 4 years (12 terms)**, but some of you will be aiming for completion within 3 years. It's important to understand your specific situation and develop an agreed timetable for finishing experiments and writing up as early as possible.

You will have gained experience in **scientific writing** from preparing your transfer report, and maybe a manuscript or review. If you are worried about your progress, or what to expect, talk to your supervisors, college advisor or local Graduate Advisor. We all have plenty of experience with graduate studies – so please make use of it.

Following on from the transfer to DPhil status, and before you can submit your thesis, you will need to undergo **Confirmation of your DPhil status** before the end of Term 9 of your studies. A brief outline of the confirmation procedure is included in the 'Monitoring Progress' section later in this book. More information and the **GSO.14 MSD** form to complete prior to Confirmation are available from the Medical Sciences Graduate School <u>Canvas</u> page:

The list below provides you with the minimum suggested programme of studies for the final year. It also points to some **very important** aspects of the **formal examination of your DPhil**:

- 1. Meet with supervisor, co-supervisor and your advisor to organise your plan for completing your DPhil (i.e. applying for confirmation of status, completing experiments, writing up, the examination process, and presenting/publishing your research)
- 2. Meet with your thesis committee
- 3. Update/revise your TNA form and submit it alongside the confirmation of status form
- 4. Complete your **Confirmation of DPhil status** towards the middle of the 3rd year and by the end of your 9th term at the latest.⁴
- 5. Complete the appropriate form for Confirmation of Status (GSO.14 MSD)
- 6. Enrol for Medical Sciences Skills Training:
- (i) Get the Grant
- (ii) Writing Skills Thesis and Papers
- (iii) Viva Preparation Final Viva
- 7. Book a one-to-one careers guidance session with the <u>Careers Service</u> and attend the RDM Careers Day
- 8. Continue to attend local and divisional seminars
- 9. Attend annual review meeting with DGS / GA
- 10. **Appoint examiners** by completing the **GSO.3** form. Recommendations for examiners must go to the Graduate School Office for approval. You should aim to submit this at least **six weeks** before you intend to submit.

11. Complete the **exit questionnaire** when you are sent a link so that we can make improvements for future students.

12. Students must submit a digital copy of their Thesis via Research Thesis Digital Submission (RTDS). Further information can be found on the <u>Research Examinations webpage</u>. You can also access a <u>guide</u> to submitting digitally.

⁴ Students on the Medical Sciences Doctoral Training Centre programmes (except the DPhil Biomedical and Clinical Sciences) need to confirm their DPhil status by the end of their 10th term.

PERSONAL DEVELOPMENT

RDM MENTORING SCHEME

RDM offers a mentoring scheme for all members of the department. The aim of the scheme is to assist staff and students to achieve personal and professional growth through a mentoring relationship that provides support as they progress and develop within the University.

Mentoring is a powerful personal development tool, which can be an effective way of helping you to progress in your career and life more generally.

You may find it useful to be mentored at different stages in your professional life: perhaps when you are new to the University; in transition between posts, including the transition from student to staff; when wanting your career to progress or change direction; for support in balancing work with your family life; returning to work after a career break or maternity leave; or for some other reason.

The RDM mentoring scheme will match mentors with relevant experience(s) with a mentee who wishes to benefit from their experience. Mentoring matches will be made from across the divisions of RDM wherever possible and appropriate.

You can find out more about the RDM Mentoring scheme on the <u>RDM website</u>.

RDM GRADUATE PRIZE

RDM Graduate Prizes are awarded to current or recently graduated (within 2 years) students of RDM supervisors on the basis of exceptional achievement in their research. The prizes reflect the wide range of clinical and basic research undertaken within RDM.

RDM Graduate Prizes are awarded in October each year, with nominations invited over the summer. Winners receive a prize of £500 and the opportunity to present at the Annual RDM Symposium.

You can find profiles of previous prize winners on the RDM website.

PUBLIC ENGAGEMENT AND COMMUNICATIONS

We encourage all students and researchers to engage the public with their research, whether that's through writing for a lay audience, podcasting, on social media visiting schools, coming up with ideas for hands-on activities, or taking part in a science festival. This is important not only to let people know why research is important, but also to develop your own communication and organisational skills. The University offers plenty of training opportunities, and the department as a Communications and Engagement Manager (Dr Charvy Narain) specifically to facilitate public engagement and science communication. Opportunities are advertised regularly in the RDM weekly bulletin and do also feel free to get in touch directly with <u>Charvy Narain</u>.

The WIMM have their own Public Engagement Officer, Catherine Seed.

CAREERS

RDM CAREERS DAY

The RDM Careers Day is organised by the RDM Researcher Association and runs annually to showcase the range of scientific careers inside and outside academia. The day offers a chance to hear from professionals working across the industrial, policy, publishing and consultancy sectors, plus many more. In addition to talks highlighting the different paths open to researchers, there are hands-on workshops to develop important skills needed to get your next position.

RDM Career Development Committee

The <u>RDM Career Development Committee</u> (CDC) aims to support the career development of <u>all</u> staff and students across RDM.

The CDC plays a key role in raising awareness of career opportunities across the department, in providing training and support at key career transition points, and in championing career development. The CDC is responsible for delivering a number of actions in the department's Athena Swan Silver Action Plan and organises the <u>RDM Learning and Development programme</u>.

Membership is balanced across the divisions within RDM and the committee is chaired by Prof Leanne Hodson. If you have any questions, suggestions, or ideas for the CDC, please feel free to <u>email</u> them

THE CAREERS SERVICE

It is never too early to consider your future career. The University Careers Service offers a range of services, including seminars and training courses aimed specifically at DPhil students. The core programme includes:

- Career planning for DPhil students
- Networking skills for DPhil students
- CV and cover letter skills for DPhil students
- Interview skills for DPhil students

There are also occasional seminars and workshops focusing on particular types of career, or specifically targeted at science/medicine students.

You will receive termly updates on these seminars through the RDM Weekly Bulletin. You may also want to register with the MSD Events Digest, to receive a list of all seminars in the Medical Sciences Division.

The Careers Service also offers one-to-one advice sessions, which are held regularly in the Careers Service on Banbury Road and at other sites across the University, including the hospital or the Old Road Campus. These are run by the dedicated Careers Advisor for Researchers.

You can find out more about the services the Careers Service provides on their <u>website</u>. You can contact them on <u>reception@careers.ox.ac.uk</u>.

All seminars and one-to-one sessions are bookable through the Careers Service website using their <u>CareerConnect</u> service.

CLINICAL RESEARCH

If you are planning to undertake clinical research as part of your DPhil

Clinical Research is any health-related research that involves humans, their tissue and/or data. There are stringent regulations regarding the conduct of clinical research. Which approvals you need in place before you can begin are determined by how the research is classified e.g. whether it is a Clinical Trial of an Investigational Medicinal Product (CTIMP), or a Medical Device Trial. You can find out more about some of the areas you will need to address on the websites below.



http://www.hra.nhs.uk/research-community/hra-approval-the-new-process-for-thenhs-in-england/

http://www.ouh.nhs.uk/researchers/approvals/permission/default.aspx

Guidance in navigating these processes is available from Research Support. Students in Cardiovascular Medicine can also receive support from the Clinical Research Coordination Team.

Please Note: ethical approval needs to be confirmed at Transfer & Confirmation of Status

Clinical Trials and Research Governance team

karl.shephard@admin.ox.ac.uk http://researchsupport.admin.ox.ac.uk/co ntacts/ctrg CVM Clinical Research Coordination team

clinicalresearch@cardiov.ox.ac.uk

GENERAL INFORMATION

RDM weekly bulletin

The RDM weekly bulletin is goes out mid-week throughout the year and contains the need-to-know information for departmental staff members. This includes career and development opportunities, research and funding deadlines, public engagement opportunities, and more. This bulletin is how the department passes on essential information to you each week, so do look out for it and read it every week!

RDM website, including intranet

The <u>RDM website</u> highlights the people and the excellent work being done at the department, including news stories on published papers and awards. It also includes a <u>section</u> for RDM members where you can find information on everything from how to claim on your expenses to learning and development opportunities. If you've won an award, done a great bit of public engagement, or have an exciting paper coming out that you think should feature on the website, do get in touch with the RDM communications and public engagement manager, <u>Dr Charvy Narain</u>.

Athena SWAN

Athena SWAN is a UK-wide initiative set up in 2005 to promote gender equality and advance the representation of women in Science, Technology, Engineering, Mathematics and Medicine (STEMM). It evolved from the work of the Athena Project and the Scientific Women's Academic Network (SWAN), which resulted in the development of the Athena SWAN Charter, supported by the Equality Challenge Unit (ECU).

In May 2015, the charter was expanded to recognise work undertaken in arts, humanities, social sciences, business and law, and in professional and support roles, and for trans staff and students. The charter now recognises work undertaken to address gender equality more broadly, and not just barriers to progression that affect women.

RDM was awarded a Silver Athena Swan award in April 2016 and again in 2019.

RDM Researcher Association

The <u>RDM Researcher Association</u> is a community that serves to enrich the researcher experience through social events, career development and advice. It is open to anyone involved in research within the department.

The committee is currently chaired by Dr Dannielle<u>Wellington</u> (WIMM) and is run by active researchers throughout RDM. They liaise directly with the RDM Career Development Committee (CDC) to address any concerns and suggestions expressed by RDM researchers.

If you would like to get involved in activities or would like to suggest your own ideas then please get in touch: <u>researcherassociation@rdm.ox.ac.uk</u>. The committee are recruiting new members!

Graduate Student Representation

It is important that you have an opportunity to express your views during your DPhil Graduate Student Representatives are appointed each year to represent your interests within the department. Each division has at least one graduate representative, with most having more.

Graduate student representatives may also be involved in organising academic or social events for students in your division, such as work-in-progress seminars or informal discussion groups.

All graduate student representatives are members of the RDM Student Forum, which meets three times a year to discuss any issues of relevance to students within RDM.

Two of the graduate representatives sit on the RDM Graduate Studies Committee (GSC) and two sit on the Medical Sciences Division's Joint Graduate Consultative Committee (MSD GJCC). If you have any concerns or feedback on the DPhil programme that you would like raised at the RDM Student Forum, the GSC or MSD GJCC, please contact your local student representative who will ensure that the matter is discussed.

Details of the current graduate representatives, including information on which committees they attend, can be found on the <u>RDM website</u>.

There are also local Student Associations in the various departments and for more information about these please contact your local Graduate Administrator.

Essential IT information for new starters

New Oxford staff and students can visit the <u>IT Services Getting Started web pages</u> to find out essential information and guidance on getting started with basic IT needs, such as email and internet access. There is also guidance on activating University accounts, connection to Wi-Fi and setting up virtual private networks (VPNs) for working remotely. For further information, phone the central IT Service Desk on 01865 612345.

STUDENT HEALTH, SAFETY AND WELFARE

Health and Safety

The University has a duty of care to take care of the health and safety of its staff and students. Support is available from your college, your department and the University. Please refer to the <u>RDM</u> and <u>University</u> websites for the most up to date information in the current Covid-19 restrictions.

At a University level health and safety policies are the responsibility of the University Safety Office who advise the University on all matters concerning Health and Safety. RDM is therefore subject to the policies and procedures as set down by the <u>Safety Office</u>.

Within the RDM you will find that you have a number of induction events to attend at which health and safety will be addressed. This will range from building inductions at which you will be informed of the local emergency evacuation/invacuation procedures to lab inductions where you will be informed of the lab protocols and procedures and emergency procedures.

Not only should you be familiar with the emergency evacuation procedures for the building in which you work but you should also be aware of the Police guidelines on emergency procedures in the unlikely event of a firearms or weapons attack (Appendix C)

Student Welfare

The University, colleges and departments also provide support to its staff and students for their welfare. The University has an excellent support system in place for the students. The <u>Oxford Students Health and</u> <u>Welfare</u> has links to information on a wide range of subjects from the support available to you in case of emergencies; harassment and bullying; the Disability Advisory Service; counselling; and information, advice and guidance on how to stay healthy while studying at Oxford.

Support is also available from both your college and the RDM either through your supervisors, college advisors, the Director of Graduate Studies and your local Graduate Advisor, and the Graduate Studies Manager.

Further support can also be found from the groups listed below.

Peer Support

A number of students are trained peer supporters and are available to provide support and advice to fellow students. Information will be available on the MSD Graduate School <u>Canvas</u> page about the peer supporters and how to contact them.

Peer support inn RDM is provided by Martin Fellermeyer and Ciara Maguire. They can be contacted at peersupport@rdm.ox.ac.uk.

In addition, your colleges will also have a peer support system in place. For more information you should look at your own college website.

Nightline

<u>Oxford Nightline</u> is a completely independent listening, support and information service run for and by students of Oxford and Oxford Brookes universities.

They aim to provide every student in Oxford with the opportunity to talk to someone in confidence. They are available for everyone from 8pm-8am, 0th week to 9th week during Oxford term time.

Self-help books

The Bodleian Libraries collection of self-help e-books is available for anyone to use. The resource can be found on the Bodleian Libraries website <u>here</u>.

Equality, Diversity and Inclusion

Zero tolerance to bullying and harassment is an essential requirement for a happy and healthy working environment, i.e. a workplace in which we all treat each other with mutual courtesy, respect and consideration. This is a responsibility that we must all share. RDM champions a culture of dignity and respect, where positive behaviour is recognised and there is zero tolerance of harassment and bullying. If you witness or are subject to bullying or harassment you should let the department know. You can also discuss issues confidentially with one of RDM's Harassment Advisors. Information on what RDM is doing to eliminating bullying and harassment can be found on the <u>RDM website</u>.

Disability Advisory Services

RDM Disability Information

The University has a Common Framework for Supporting Disabled Students, a copy of which is available from the RDM website <u>here</u>. The Radcliffe Department of Medicine supports and follows this framework.

In accordance with the Common Framework, RDM has appointed a Disability Lead who has strategic oversight of provision for disabled students within RDM and a Disability Coordinator who coordinates and oversees implementation of provision for disabled students.

The Disability Lead for RDM is Prof Marella de Bruijn.

The Disability Coordinator for RDM is Jill Walker.

Students should normally contact Jill Walker for advice in the first instance.

Disability Advisory Service (DAS)

The University's <u>Disability Advisory Service</u> provides information and advice on disability issues at Oxford and facilitates support for students with disabilities. This includes, for example, students with sensory or mobility impairments, long-term health conditions, specific learning difficulties, autistic spectrum conditions or mental health difficulties.

The Disability Service offers Drop-In Sessions to students during term to discuss quick queries such as whether you should register with the DAS, applying for a Disabled Student's Allowance etc.

They also offer appointments to discuss your support or access requirements while studying at Oxford.

- Call them on 01865 280459
- Email them at disability@admin.ox.ac.uk
- Visit them at 3 Worcester Street, OX1 2BX

If you are unsure about whether registering with the DAS is right for you, or have questions or concerns about accessing support, please contact them or attend one of their drop-in sessions.

New mobile app for access information – SociAbility

The new <u>SociAbility</u> app makes it easy to find detailed access information for social venues and shops. We're building a crowdsourced database of access information for the community, by the community. Simply <u>download</u>, explore and go!

Useful links for information

RDM

https://www.rdm.ox.ac.uk/study-with-us/meet-the-team/meet-the-team (Graduate Studies Team)

https://www.rdm.ox.ac.uk/ (Home page)

https://www.rdm.ox.ac.uk/intranet (Working at RDM)

https://www.rdm.ox.ac.uk/intranet/graduate-studies (Graduate Studies)

GENERAL

First few weeks in Oxford https://www.ox.ac.uk/students/new/firstweeks?wssl=1

Glossary of Oxford words (will explain some of the terms peculiar to Oxford) https://www.ox.ac.uk/about/organisation/history/oxford-glossary?wssl=1

University website for students at Oxford https://www.ox.ac.uk/students?wssl=1

IT setup https://www.it.ox.ac.uk/getting-started

TRAINING

Medical Sciences Skills Training http://www.medsci.ox.ac.uk/skillstraining

People and Organisational Development

http://www.learning.ox.ac.uk/

Study Skills and Training (Oxford Students) <u>https://www.ox.ac.uk/students/academic/guidance/skills?wssl=1</u> (Plagiarism course - <u>https://www.ox.ac.uk/students/academic/guidance/skills/plagiarism?wssl=1</u>)

RDM Learning and Development Programme https://www.rdm.ox.ac.uk/intranet/career-development-and-athena-swan/learning-and-development

ACADEMIC

Academic Progression, Milestones and Graduate Forms (Medical Sciences Graduate School) Canvas page. https://canvas.ox.ac.uk/courses/22105/modules

Academic Progression, Milestones and Graduate Forms (University) https://www.ox.ac.uk/students/academic/guidance/graduate/progression

Academic Matters (University) https://www.ox.ac.uk/students/academic?wssl=1

Student Handbook (specific information about your academic career at Oxford) https://www.ox.ac.uk/students/academic/student-handbook?wssl=1

Research Examinations Webpage https://www.ox.ac.uk/students/academic/exams/research?wssl=1

Student Self-Service (Access to your student record for GSR reporting etc.) https://www.ox.ac.uk/students/selfservice

Manual for Student Self-Service and GSR

https://www.ox.ac.uk/sites/files/oxford/field/field_document/Student%20Self%20Service%20for%20St udents%20Manual.pdf

Thesis Committees

https://www.rdm.ox.ac.uk/intranet/graduate-studies/for-students/thesis-committees

RDM Graduate Prize

https://www.rdm.ox.ac.uk/intranet/graduate-studies/for-students/graduate-prize

Guide to submitting your thesis digitally

https://www.ox.ac.uk/sites/files/oxford/field/field_document/QRG%20for%20Students%20v1.5.pdf

HEALTH, SAFETY AND WELFARE

RDM Mentoring

https://www.rdm.ox.ac.uk/intranet/career-development-and-athena-swan/mentoring.

Student Welfare (university) https://www.ox.ac.uk/students/welfare?wssl=1

Health and safety https://www.admin.ox.ac.uk/safety/

Disability Advisory Service https://www.ox.ac.uk/students/welfare/disability?wssl=1

RDM (Disability Information)

https://www.rdm.ox.ac.uk/intranet/graduate-studies/for-students/disability-information

Anti-Bullying and Harassment Policy https://www.rdm.ox.ac.uk/intranet/personnel/anti-harassment-and-bullying-web-page.

Oxford Nightline https://oxfordnightline.org

Self-help Books https://www.bodleian.ox.ac.uk/using/disability/resources/self-help-books

Sociability Access App https://www.sociability.app/

CAREERS

Career Development Committee www.rdm.ox.ac.uk/rdm-career-development-committee

Careers Service http://www.careers.ox.ac.uk

Careers Connect Service http://www.careers.ox.ac.uk/our-services/careerconnect/

Conflict of Interest

The University has a Statement of policy and procedure on conflict of interest:

It is the duty of every member of staff or student to disclose any conflict of interest or any circumstances that might reasonably give rise to the perception of conflict of interest. Apparent or perceived conflicts of interest can be as damaging as actual conflicts of interest.

In the case of undergraduate students, the student should discuss the relevant issues with his or her Tutor or Senior Tutor, who, where appropriate, will consult with the Head of Department following which an approach for dealing with the conflict might be agreed. In the case of postgraduate students, this discussion should be had with the student's supervisor. Where the conflict of interest arises between the interests of the supervisor and the student, the student should discuss the matter with the Senior Tutor or Tutor for Graduates, or the person responsible for postgraduate students in the department, for example the Director of Graduate Studies.

Many situations will require nothing more than a declaration and a brief written record of that declaration, which must be held in the department's or college's records.

Some instances will however need to be dealt with by agreeing how the conflict can be actively managed. The approach adopted should be documented and copies provided to the relevant parties. A copy of the final plan must be held in the department's records. One or more of the following strategies may be appropriate to manage the conflict of interest:

- not taking part in discussions of certain matters;
- not taking part in decisions in relation to certain matters;
- referring to others certain matters for decision;
- resolving not to act as a particular person's supervisor;
- divesting or placing in trust certain financial interests;
- publishing a notice of interest;
- standing aside from any involvement in a particular project; and/or
- declaring an interest to a particular sponsor or third party.

It is the responsibility of those affected to comply with the approach that has been agreed.

APPENDIX A

Training Needs Analysis

This form is included in the Handbook for information. You should complete the form electronically and upload it with your first Graduate Supervision Reporting (GSR) report.

Please refer to the Medical Sciences Division Skills Training <u>website</u> to check for courses on offer.

The form is available from the Medical Sciences Graduate School <u>Canvas</u> site or from the Transfer Form <u>GSO2.MSD</u>:



Medical Sciences Graduate School Training Needs Analysis (TNA) for Graduate Students

Student's Name:

1/2/3/4

Funded by:

<u>Status:</u> *PRS / DPhil / Confirmed* <u>Year of Study</u>:

Date: Supervisor:

Please confirm that you have discussed your TNA with your supervisor

A **Training Needs Analysis** (TNA) is the process that you engage in <u>with your supervisor</u> to identify your **training** and development needs. It is recommended that you attempt to complete the TNA form yourself before discussing it with your supervisor. <u>You are required to complete this TNA during your first term.</u> You are also required to submit a completed TNA with your applications for *Transfer and Confirmation of status*. You may also complete the TNA at other times in eVision (Student Self Service).

You should fill in the first column in all 5 sections. The amount of detail provided in the next two columns of training experienced and planned is likely to vary depending on your stage. Training opportunities can be identified on the <u>Divisional Skills Training website</u>. **Table 1** below matches these training opportunities with the skills that they provide. This TNA is based on the <u>Vitae</u> <u>Researcher Development Framework</u> (RDF).

<u>RESEARCH SKILLS -</u> Recommended for Ist year students

	Response (yes/no/some)	Examples of relevant training attended and/or experience	Ideas for further development
I have a good understanding of a variety of			
different research methods and techniques,			
especially those relevant to my research project			
(gained by literature review).			
I have good understanding of the principles of			
experimental design and the use of appropriate			
statistical tests.			
I am familiar with identifying and using -			
library resources			
citing and referencing			
• information technology skills necessary for my			
research project			

COMMUNICATION SKILLS - Throughout your studies

	Response (yes/no/some)	Examples of relevant training attended and/or experience	Ideas for further development
I am able to effectively communicate my research:			
 through my writing have the necessary English language skills am able to verbally present and defend my research 			
I have experience of:presenting research at conferenceswriting and publishing papers			

ETHICAL AND LEGAL UNDERSTANDING - Throughout your studies

	Response (yes/no/some)	Examples of relevant training and/or experience	Ideas for further development
l understand:			
 standards of good research practice how to avoid plagiarism and have experience of submitting my work or ethical approval issues relating to privacy and confidentiality 			

TEACHING SKILLS - Recommended for students in 2nd or 3rd year

	Response (yes/no/some)	If yes/some, please specify which	If no, which are you hoping to undertake?
I have undertaken teaching training at Oxford (e.g. PLTO, DLT or PGCert) - See <u>link</u>			
 I am aware of teaching opportunities in Oxford; e.g. undertaking: lab demonstration college tutorials final year undergraduate supervision 			

CAREER DEVELOPMENT - To be completed anytime, especially during the latter part of your studies

	Response (yes/no/some)	Examples of relevant training attended and/or experience	Ideas for further development
 I manage my own career progression, e.g.: setting realistic and achievable career goals, identifying and developing ways to improve my employability establishing a career network. by planning to write research grants 			
 At interview I am able to: present my own skills and personal attributes present an effective CV, applications, and at interview 			

Table -1-

Please refer to https://www.medsci.ox.ac.uk/study/skillstraining for the most up-to-date information. You may also wish to refer to *IT Learning Centre*, *Centre for Learning and Teaching*, *People and Organisational Development*, *Continuing Education*, *Research Services*, *Bodleian iSkills* and *Language Centre* (see https://www.medsci.ox.ac.uk/study/skillstraining/resources for links).

RESEARCH SKILLS Recommended for the First Year	COMMUNICATION SKILLS	ETHICAL AND LEGAL UNDERSTANDING	TEACHING SKILLS Recommended for second and third years	CAREER DEVELOPMENT
Micron Advanced Microscopy	Transfer of status First Year	Introduction to research ethics and research integrity First Year	Preparation for teaching and Learning at Oxford (PLTO)	Careers in medical communications Third Year
NMR	Writing a transfer report First Year	* Research Integrity online course First Year	Developing Learning and Teaching (DLT)	The Imposter Syndrome - <i>Podcast</i> First Year
Qualitative research synthesis made simple	Viva preparation Third Year	*Avoiding Plagiarism Oxford University certification course First Year	Large group and lecturing	So, you want to be a Principal Investigator? Third Year
Beginners R programming for Cytometry	Writing a thesis Writing a thesis - follow up Third Year	When science goes bad – a look at scientific misconduct First/Second Year		Managing research staff: an introduction for Post- docs
Training on quantitation of Fiji/Image J	How to plan your PhD – <i>Podcast</i> First Year	Simulating data to improve your research: an introduction First/Second Year		
Analysing biological data by model fitting in GraphPad Prism	The Balanced Researcher – <i>Podcast</i> First Year			
Computational Biochemistry	How to work with your supervisor First Year	Your research: an introduction		
Electron Cryo microscopy	Writing a medical conference abstract Second Year			
Introduction to Statistics	7 secrets of highly successful research students – <i>Podcast</i> First Year			
CyTOF: Introduction to Cytometry	Presentation skills First Year			
Scientific computing in MATLAB (online)	Writing and publishing research papers Second Year			
How and why to undertake a systematic review	Vicarious trauma First Year			
Experimental design: the good, the bad and the ugly				
Research techniques day				

Planning and designing reproducible research: clinical sciences		
Qualitative research synthesis made simple		
X-Ray Crystallography		

*These courses are mandatory and should be completed during your first term.

APPENDIX B

Graduate Training Personal Development Monitoring Forms

Please complete these forms and keep safe to provide evidence of your training to the DGS or Graduate Studies Committee

These forms are also available from the <u>RDM website</u>, should you wish to keep records electronically

Record Form: SEMINARS/LECTURES ATTENDED

(Students are expected to attend 25 seminars per year - this form should be photocopied)

Date	Speaker	Title

Record Forms: TRAINING WORKSHOPS ATTENDED

Date(s)	Title/Topic/Skill

Record Forms: POSTER AND ORAL PRESENTATIONS THAT YOU GIVE

Date	Nature of presentation and audience	Comment

Record Forms: JOURNAL CLUBS GIVEN BY YOU:

Date	Paper(s) discussed	Comment

Record Form: CONFERENCES/SCIENTIFIC MEETINGS ATTENDED.

Students are expected to attend at least one national or international meeting each year, and to present at meetings in the second and third years.

Date(s)	Title and venue	Comment (including contribution)

Supervisor: Name: Activity (tutorials, demonstrating, supervising) Date(s)

Graduate Student Curriculum Vitae

Please begin to complete this template CV, which may be discussed at your annual meeting with the DGS/GA. It will help to identify gaps in your expertise/training, which you should take action to address.

A. Personal data

Name Nationality Date of birth Work address and email

B. Essential Information (list all in reverse chronological order)

Education and training

- 20.. 20.. DPhil student
 - of Oxford, UK
 - Thesis title, supervisor, funding, etc.
 - Describe in simple terms the aims of your thesis (300 words)
 What is the question you are asking?
 What would be the impact of answering this question?
- 20.. 20.. B.Sc./Masters: Subject, Class, University
 - List placements and summer projects
 - For each, describe the research undertaken (100 words)

20.. – 20.. A Levels: Where, Subjects, Grades.

Employment history

Emphasis on research related employment.

Research Achievements

Describe main research achievements.

Publications

- Peer reviewed research articles
- Book chapters
- Reviews
- Abstracts published in journals
- Other (e.g. popular science articles)

C. Other Required Information (list in reverse chronological order):

Grants/awards

For example PhD awards, travel grants, work visit grants, student awards, poster prizes, etc.

International and national meeting presentations

Poster and Oral presentations

Other scientific presentations

Graduate Student day presentations etc.

Experimental techniques

Bioinformatics experience

Undergraduate/master student research supervision and teaching

Professional activities

E.g. student representative at Oxford or professional society (no need to list memberships of professional societies), conference organisation, seminar host, manuscript review, contributions to F1000, etc.

Public Science Education

What - When - Who (type of audience, number of people, feedback)

Transferable skills

Courses attended, e.g. IT, presentation, managing your research etc.

Extracurricular achievements List max 2 achievements.

Personal references

APPENDIX C



IN THE RARE EVENT OF a firearms or weapons attack



RUN to a place of safety. This is a far better option than to surrender or negotiate. If there's nowhere to go, then...

HIDE. It's better to hide than to confront. Remember to turn your phone to silent and turn off vibrate. Barricade yourself in if you can. Then finally and only when it is safe to do so...

TELL the police by calling 999.

At the moment, the issue of terrorist attacks is regularly in the news. But it's been on our agenda for much longer.

The police and security service have been working constantly to foil terrorist attacks for years, not months.

But we are not complacent about keeping you safe.

Due to events in the UK and abroad, people are understandably concerned about a firearms or weapons attack. These attacks are very rare but in the event of such an attack, it helps to be prepared.

Remember, attacks of this nature are still very rare in the UK.

So Stay Safe, and just remember the words:

RUN. HIDE. TELL.

To watch the Stay Safe film, visit www.npcc.police.uk/staysafe

Information is vital. If you see or hear something that could be terrorist related, trust your instincts and call the confidential Anti-Terrorist hotline on **0800 789 321**. Our specially trained officers will take it from there. Your call could save lives.

Always in an emergency, call 999.