



# RESEARCH AND PROFESSIONAL DEVELOPMENT PLANNING



UCD Graduate Studies



Research and Professional  
Development Planning

**COLLEGE OF SOCIAL  
SCIENCES AND LAW**

**Graduate School Office,**  
Room D111,  
Newman Building,  
University College Dublin,  
Belfield,  
Dublin 4

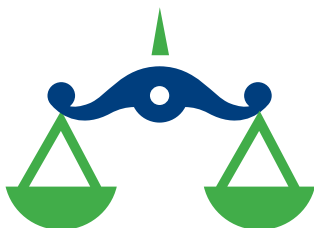
**Graduate School Manager:**  
Margaret Brindley  
Email: [gs.socscilaw@ucd.ie](mailto:gs.socscilaw@ucd.ie)  
Telephone: 353 1 716 8268

## Introduction

Research and Professional Development planning is an integral part of the Structured PhD programme at UCD. The purpose of such planning is to ensure that your work is clearly focused on achieving your research and professional goals. This will play a major part in informing the trajectory of your PhD research and in your training and development as a researcher. Your plan will also be a useful resource when it comes to writing up, and it will help you develop key skills which will be invaluable for both your current research and your future career prospects.

The following guidelines are designed to assist you in preparing your research and professional development plans. These plans will form the basis of discussions at your meetings with your supervisor and Doctoral Studies Panel (DSP). Reports based on these plans will be the primary input to your Transfer Assessment that will determine whether you progress from Stage 1 to Stage 2 of your doctoral studies.

There are three main components to your Research and Professional Development plan:



- Your DSP, which will normally comprise your principal supervisor and two additional advisors, will provide advice and support during the course of your doctoral studies and will assist in monitoring your progress. For more details about your DSP, please contact your School.

### A RESEARCH PLAN

The purpose of your Research Plan is to provide you with a clear research focus and a coherent research work programme. A well-structured research plan will enable you to review your progress and adjust your objectives as your research evolves.

Revising and keeping your Research Plan up-to-date will also make it easy for you to produce progress reports, prepare presentations and publications, draft funding applications and write up your thesis.

The attached guidelines have been tailored to your area and should be used in conjunction with input and advice from your supervisor in preparing your plan.

### A PROFESSIONAL DEVELOPMENT PLAN

On leaving UCD with a PhD it will be expected that, in addition to having produced a body of original research, you will also have developed a set of skills that distinguish the professional from the novice.

Employers, and others who you will interact with professionally in the future, will assume that you bring the skills of an independent professional to any work situation. It is therefore very important for you to develop, demonstrate and practice these skills during your doctoral programme.

The attached guidelines are designed to enable you to identify the skills important for your research and career. Developing these skills will not only help you to be a more productive researcher, but will ensure that you are well placed to compete for employment opportunities when you complete your PhD.





#### DOCTORAL STUDIES PANEL MEETING RECORD

Central to your programme are regular meetings with your supervisor and DSP to discuss your research, your professional development and your progress in achieving your goals. A mandatory outcome of the meetings with your DSP is a formal record of your research and professional plans and your progress to date. These records will also inform your transfer assessment.

The formal record form for these meetings is appended at the back of this document as a writeable PDF. This must be completed following each DSP meeting, signed by all members of your DSP, including yourself, and returned to your School graduate administrator.

There are many people who can help to support you throughout your PhD. In relation to your RPDP, you can get help from your supervisor, your Doctoral Studies Panel, your School Office, your Graduate School Office and the Graduate Studies Office. Contact information for your School, the Graduate School and Graduate Studies office is indicated below.

✓ 8,000

UCD is the largest provider of graduate education in Ireland with 8,000 students enrolled.



## COLLEGE OF SOCIAL SCIENCES AND LAW SCHOOL CONTACTS



SCHOOL	NAME	EMAIL
School of Archaeology	Angela McAteer	archaeology@ucd.ie
School of Economics	Nicholas Clifton	nicholas.clifton@ucd.ie
School of Education	Sarah Conroy	sarah.conroy@ucd.ie
School of Geography	Clare Keenan	clare.keenan@ucd.ie
School of Information & Library Studies	Claire Nolan	claire.nolan@ucd.ie
School of Philosophy	Helen Kenny	helen.kenny@ucd.ie
School of Politics & International Relations	Dara Gannon	dara.gannon@ucd.ie
School of Psychology	Mary Boyle	mary.boyle@ucd.ie
School of Social Policy, Social Work & Social Justice	Elizabeth Hassell	elizabeth.hassell@ucd.ie
School of Sociology	Veronica Barker	veronica.barker@ucd.ie
School of Law	Niamh McCabe	niamh.mccabe@ucd.ie



# Research Planning

## GUIDELINES ON WRITING A RESEARCH PLAN

Every research project requires advance planning, and the better the planning the more successful the project. Preparing a research plan is one of the most important tasks you will undertake as a PhD candidate. This brief document offers some basic guidelines for preparing a research plan and for using it as a roadmap during your fourth-level experience. Graduate School and Graduate Studies office is indicated below.

### WHAT IS A RESEARCH PLAN?

At the start of your PhD you identify a research problem in your field which needs to be solved, or an issue in your field which has not hitherto been researched but which is clearly important and has scope for study. A research plan is a model or scheme which you design to help you organise your thoughts about your topic, schedule the specific jobs which you need to do, and visualise a finished product.

There is no such thing as an ideal research plan. Plans come in different shapes and sizes, but common to all is **structure** and **timeframe**: research is always planned in stages, each one linked to the next by a structure, and each designed with some idea of how long it will take.

There are two critical things to remember when you begin to design a research plan.

**First**, your supervisor is there to advise you. He or she will have experience of planning research, and, having agreed to supervise you in the first instance, will happily guide you as you gather your thoughts and formulate your plan. In consultation with your supervisor you should, within the first months of your PhD, be able to identify major tasks and work out the order in which they should be done. Members of your Doctoral Studies Panel (DSP) will also be experienced in planning research, and will be happy to discuss your plan at your DSP meetings, but most of the work will be done with your supervisor at your regular meetings.

**Second**, research plans change as research progresses. You will always find that the structure which you first envisaged needs modification, and that the timeframe you set will not work. The secrets of a successful research project are (a) the realisation that a research plan is always a work-in-progress, and (b) the ability to adjust a project's structure and timeframe without losing sight of its goals.

At the start of your studies, your emphasis will be primarily on devising, developing and implementing your research. As you progress, your focus will also encompass the publication of your research results and the preparation of your thesis. Your plan need not encompass all of the elements indicated below at all times, rather it will develop to incorporate them as your research progresses.

### ESSENTIAL ELEMENTS OF A RESEARCH PLAN

- Your research question or hypothesis.
- Background information on why your research question is important.
- A plan of how you intend to investigate your hypothesis and interpret your results.
- How you intend to write-up and publish your findings.

Keep in mind that the objectives and goals you set yourself in your plan should be specific, challenging and achievable within a defined time frame. It may be helpful to refer to the SMART framework, which is widely used as a means of describing objectives in a way that makes them more useful and easier to review.

### The SMART guidelines indicate that objectives should be:



<b>Specific</b>	specific and clear statements about what is to be achieved.
<b>Measurable</b>	quantitative and/or qualitative (if objectives are not measurable then it is difficult to determine whether they have been achieved).
<b>Achievable</b>	objectives need to be realistic, challenging and motivating.
<b>Relevant</b>	relevant to the achievement of your research aims
<b>Time bound</b>	include a time-scale for in which to achieve your objective or goal.



WHEN DEVELOPING YOUR RESEARCH PLAN, IT MAY BE HELPFUL TO CONSIDER THE FOLLOWING:

#### Formulating your Research Question and Hypothesis

- What hypothesis (es) are you testing?
- What question(s) are you asking?
- Why is this important?

#### Reviewing the Literature

- Are you familiar with the relevant literature in your area?
- Can you clearly explain how your research question builds on what is currently known?

To test your research question or hypothesis, do you need to define more specific objectives? If so, what are these objectives?

#### Devising your investigative plan to test your hypothesis/meet your objectives

- What methodological/technological approaches will you use and why are they most appropriate?
- How will you collect your data (sources, documents, surveys, experiments, etc)?
- How will you organise and analyse your data?
- How will you interpret your data?

#### Reviewing your findings

- How do your findings inform your original objective(s)?
- Do they prove or disprove your hypothesis?
- What new information do they provide you and/or your area of research?

#### Drawing conclusions

- What conclusions can you draw from your work to date?

#### What is your next step?

- Given your results and conclusions to date, what further work needs to be done to address your original hypothesis? Or do you want to change or adjust the direction of your research?

✓ 150

For over 150 years, UCD has produced graduates of remarkable distinction including famous surgeons, writers (e.g., James Joyce) architects, entrepreneurs and five of Ireland's taoisigh



#### Presenting and publishing your research

- Where do you intend to present the results of your work?
- Where do you intend to publish the results of your work?
- In each instance, are you familiar with what is required for presenting and/or publishing in the manner you plan?

#### Writing up your thesis

- Have you prepared a thesis plan (you should do this as early as possible in your research programme)?
- Are you familiar with how best to present your work in thesis form and what the requirements are?
- What progress have you made in writing chapters of your thesis?
- When do you hope to have your first draft completed?
- When do you hope to submit?

**You will also need to set a time frame to each of the aspects outlined above. Devising a realistic schedule for each step on the way is extremely important if you want to complete your PhD within the timeframe required.**



# Professional Development Planning

## GUIDELINES ON WRITING A PROFESSIONAL DEVELOPMENT PLAN

During the course of your doctoral studies in UCD, you will have opportunities to acquire new skills and to hone your existing skills. As a PhD graduate, your skill-set will need to include the advanced research and analytical techniques necessary for high-level research in your field and for the application of these skills in a broader context. This document offers brief guidelines for developing a plan for the acquisition of the skills you require for your research and further professional development. They should be applied in consultation with your supervisor and members of your DSP.

In general, 20% of PhD graduates pursue careers in academia and 80% develop careers in business, industry, the public and voluntary sectors. It is important to realise that a doctorate offers far more than a passport to a potential career in a particular field of scientific investigation. It greatly enlarges the menu of career tracks open to you. To possess a PhD in a Social Sciences or Law discipline is to say that you are intelligent, well-read, self-motivated and adaptable. As a PhD student, therefore, you should be aware of the 'transfer value' of the various skills that you will and can acquire. 'Transferable skills' both enhance the experience of learning and equip you to avail of a wide range of career and employment opportunities, including those in areas other than the specific field in which you received your PhD.

The Irish Universities' Association (IUA) has issued a Graduate Student Skills Statement (<http://www.iua.ie/press-publications/publications/iua-publications>) which describes the desired learning outcomes and skills that PhD students are expected to develop during their studies. It is a skill set which anyone you meet in your future professional life, including prospective employers, will assume you have, given your PhD qualification. Some of these skills will be developed through practical application to your research, whilst others can be learned through attending workshops and modules.



## WHAT SKILLS DO I NEED, AND HOW SKILLED DO I NEED TO BE?

The first step is to identify the relevant skills you require for effective research and for your proposed career path. Every discipline in the Social Sciences and Law area has its own particular suite of skills, and many of these you will have acquired as a prerequisite to enrolling for a PhD programme in the first instance. Nonetheless, it is useful to discuss with your supervisor what additional skills you will need – technical skills, statistical skills, analytical skills – for your research and professional development and to identify where you can acquire them.

As well as identifying the actual skills you need, you should also consider the level of competence you need to achieve in each skill. For example, your research may require an expert level of skill in one technology or methodology, but it may be sufficient to merely be familiar with others. It might be helpful for you to think of your skill development as going through a series of different levels of competence, as outlined below, and to identify which level you need to target:

- **You are a basic-level learner**, gaining an initial understanding of a new methodology, technique, area of knowledge or expertise;
- **You are an advanced learner**, still relying on expert advice for the appropriate application of a new methodology, technique, area of knowledge or expertise;
- **You are an independent user**, capable of applying a new methodology, technique, knowledge or expertise to your research independently;
- **You are an expert**, capable of further development of the methodology, technique, knowledge or expertise that was once new to you.



The table below, which is mapped to the skill set identified by the IUA, may be useful in identifying the research and professional skills you need to develop. It is recommended that you use this to devise your plan to attain the competencies you require in consultation with your supervisor, members of your DSP and/or other individuals who have an expertise in the skill in question. Several routes to addressing any gaps in your skill-set are open to you: applying the skill in your research, attending workshops and taking taught modules. Remember that you can attend modules and workshops outside your College.



25,000

UCD is Ireland's Global University. It is the largest and most international university in Ireland with over 25,000 students of which over 6,000 are international (from 121 countries)

## RESEARCH SKILLS & AWARENESS



- Have I good knowledge of advances and developments in my field?
- Can I demonstrate knowledge of research in related fields and disciplines?
- Do I comprehend and can I effectively employ appropriate research methodologies?
- Can I critically analyse and synthesise new and complex information from diverse sources?
- Can I formulate and apply solutions to research problems and effectively interpret research results?
- Can I exercise critical judgement and apply critical thinking to create new ways of understanding?
- Can I formulate and apply solutions to research problems and effectively interpret research results?
- Do I need to know health and safety procedures and their application in my research environment?
- Have I a broad awareness and knowledge of key relevant funding sources and grant application procedures?
- Do I appreciate basic principles of project and time management?

## ETHICS & SOCIAL UNDERSTANDING



- Do I understand, and apply in my research, principles of ethical conduct, including avoidance of plagiarism, allocation of credit and authorship, and definitions of research misconduct?
- Do I understand – do I need to understand – the relevance of research in society and the potential impact of research on individuals, groups or society?
- Are the guidelines for the ethical conduct of research involving people, human tissue

## COMMUNICATION SKILLS



- Have I effective writing and publishing skills?
- Do I effectively use and decide on appropriate forms and levels of communication?
- Can I communicate and explain research to diverse audiences, including both specialist and non-specialist?
- Do I teach, and do I support the learning of undergraduate students when involved in teaching and demonstrating?



## PERSONAL EFFECTIVENESS/DEVELOPMENT



- Do I operate in an independent and self-directed manner, showing initiative to accomplish clearly defined goals?
- Do I appreciate key rhetorical skills, including how to persuade others of a viewpoint's merits, demonstrating and communicating credible suggestions to achieve my aims?
- Do I appreciate the importance of initiating new projects, proactively reacting to newly identified needs or aiming to resolve persistent problems?
- Have I the ability to handle difficulties in research or other professional activities in an appropriate way?
- Do I critically reflect on experiences and act on such in a cycle of self-improvement?

## TEAM-WORKING AND LEADERSHIP



- Can I develop and maintain effective relationships with colleagues?
- Do I work well in a collaborative environment?
- What awareness have I of my own working style, that of others, and how we (or they) they interact?
- Do I understand how to acknowledge others' views, with a willingness to reflecting on them and critically appraise them?
- Do I understand leadership in team environments, recognising the strengths of team members and working effectively to achieve mutual goals?

## CAREER MANAGEMENT



- Can I demonstrate an awareness of transferable skills and their applicability to both academic and non-academic positions and how they are applied in different circumstances?
- Have I taken ownership of my own career management, forming a credible career plan?
- Can I initiate and sustain networks and relationships that may encourage opportunities for employment?
- Do I present myself and my skills, attributes, experiences and qualifications, through effective job applications, CVs and interviews?
- Do I understand the broadest possible range of their employment opportunities?

## ENTREPRENEURSHIP & INNOVATION



- Is it necessary for me to understand the role of innovation and creativity in research?
- Can I demonstrate an awareness and understanding of intellectual property issues, appreciate and, where appropriate, contribute to knowledge exchange?
- Is it necessary for me to appreciate the skills required for the development of entrepreneurial enterprises in the public and private sectors?
- Do I need to understand different cultural environments, including the business world, and the contribution that knowledge transfer can make to society?





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# DOCTORAL STUDIES PANEL MEETING RECORD REPORT

Candidate name:

Date of meeting:

Stage of Study:

How many DSP meetings have  
you had this academic year

1st meeting of current academic year  
(if 3rd or 4th, please indicate)

2nd meeting of current academic year

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## **YOUR RESEARCH**

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Please provide an update of your research progress (no more than 500 words).  
If this is your first meeting with your DSP, please provide a brief synopsis of your research plan.



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## DOCTORAL STUDIES PANEL MEETING RECORD REPORT

Since your last DSP meeting, have you encountered any significant difficulties? If yes, briefly outline these difficulties and indicate what proposals have been agreed at this current meeting to address them

Have there been any substantive changes in the direction of your research since (a) you started your doctoral research or (b) your last Doctoral Studies Panel meeting? If yes, briefly outline the reasons for this

What is your plan of action between now and the next meeting to achieve your research objectives?





# DOCTORAL STUDIES PANEL MEETING RECORD REPORT

## YOUR PROFESSIONAL DEVELOPMENT

With respect to the topics listed below, please comment as appropriate on

- (a) **your progress since the last Doctoral Studies Panel meeting**
- (b) **your plans for future development**

### 1. RESEARCH SKILLS

Indicate progress in the development of specific skills that you need for your research (e.g. technical skills, laboratory skills, statistical skills, analytical skills etc.)

Specific Skill	Your progress since the last DSP meeting	Your plans for future development

### 2. TRANSFERABLE SKILLS

Indicate progress in the development of skills in the areas indicated below

Transferable Skill	Your progress since the last DSP meeting	Your plans for future development
Ethics & Social Understanding		
Communications Skills		
Development towards professional independence		
Career-orientated skills		
Personal effectiveness/development		
Team-working & leadership		
Entrepreneurship and Innovation		





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## DOCTORAL STUDIES PANEL MEETING RECORD REPORT

### 3. MODULES TAKEN

Indicate progress in the development of skills in the areas indicated below

Module Name and Code	Semester taken/year	Results (or state taken by audit)

### 4. ANY OTHER RELEVANT INFORMATION NOT COVERED.

### PROGRESS REPORT (TO BE COMPLETED BY THE CHAIR)

Progress to date





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**PROGRESS REPORT - CONT. (TO BE COMPLETED BY THE CHAIR)**

**Improvements to be made**

**Further comments**

## DOCTORAL STUDIES PANEL MEETING RECORD REPORT

**DECLARATION**

We agree that this report is an accurate account of the meeting of the Doctoral Studies Panel.

Signature of PhD student	Date:
.....	.....
Signature of principal supervisor	Date:
.....	.....
Signature of DSP adviser 1	Date:
.....	.....
Signature of DSP adviser 2	Date:
.....	.....
(Signature of DSP adviser 3)	Date:
.....	.....
Next meeting	Date:
.....	.....

**Please submit a signed copy of this report to the School office.**





APPENDIX I

# CHECKLIST FOR PHD STUDENTS

Year 1	Tick when complete
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**REGISTRATION**

Register online and pay fees.	
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**DSP**

Ensure that your School/Supervisor has been set up your Doctoral Studies Panel (DSP). Introduce yourself to the DSP members.	
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Remind your Supervisor to organise your 1st DSP meeting within first 3 months (Supervisor's responsibility)	
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A 2nd DSP meeting should be held within the first year (Student's Responsibility) <b>Ensure you complete the relevant Research and Professional Development form.</b>	
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**OTHER**

Ensure you are aware of your Supervisor's expectations such as working hours, meeting schedule, holidays, absences and also be fully up-to-date with University regulations & policies and any Ethical approval needed for your research	
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Discuss with your supervisor your options on relevant taught modules to improve your research and professional development. You are required to take 30 credits of taught modules.	
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Make yourself aware of your School Graduate administrator & School Head of Graduate Studies and attend any College Orientation Event and School events.	
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Ensure that you are aware of email policy and understand that communications from the University will be delivered via your UCD Connect account and one other nominated account	
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Year 2	Tick when complete
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**REGISTRATION**

Register online and pay fees.	
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**DSP**

Ensure a DSP meeting is held at least 2 months before the Stage Transfer Assessment.	
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**STA**

Prepare for Stage Transfer Assessment which should be held at approx. 12-18 months (FT)/ 24-36 months (PT) Check with your School for more specific timelines	
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**OTHER**

Meet with your Supervisor on a regular basis.	
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APPENDIX I

CHECKLIST FOR PHD STUDENTS (cont)

Subsequent Years	Tick when complete
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<b>REGISTRATION</b>	
Register online and pay fees.	
<b>DSP</b>	
Ensure at least one DSP meeting is held annually.	
<b>OTHER</b>	
Meet with your Supervisor on a regular basis.	

Final Year	Tick when complete
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<b>REGISTRATION</b>	
Ensure your registration is fully up to date	
<b>EXAMINATION COMMITTEE</b>	
Check with your supervisor that nominee's for the membership of your Examination Committee has been submitted for approval approx. 4-6 months before your thesis is submitted.	
<b>SUBMISSION DATE / VIVA</b>	
Review <a href="http://www.ucd.ie/registry/academicsecretariat/docs/gradthesisr_po.pdf">http://www.ucd.ie/registry/academicsecretariat/docs/gradthesisr_po.pdf</a> for information	
Be aware of the relevant submission date for your thesis.	

