

Researcher Development Training Programme 2021/2022



Researcher Development Training Programme 2021/2022

As a signatory to the <u>2019 Concordat to Support the Career Development of Researchers</u> QMU recognises that professional and career development are integral to enabling researchers to develop their full potential and has a commitment to:

- Provide opportunities, structured support, encouragement and time for researchers to engage in a minimum of 10 days professional development pro rata per year, recognising that researchers will pursue careers across a wide range of employment sectors.
- Ensure that researchers have access to professional advice on career management, across a breadth of careers.
- Provide researchers with opportunities, and time, to develop their research identity and broader leadership skills.
- Recognise that moving between, and working across, employment sectors can bring benefits to research and researchers, and support opportunities for researchers to experience this.

This schedule of training has been developed based on the priorities in the <u>QMU Concordat to Support the Career Development of Researchers Action Plan 2020-22</u> and has been mapped across the four domains of the <u>Vitae Researcher Development Framework</u>.

Summary Calendar of Events – If you would like to attend any courses detailed below please book via your Employee Self Service on iTrent (under career development tab, search courses). Full details can be found here. Please contact the Research and KE Development Unit (RKEDU) rkedu@gmu.ac.uk if you would like any further information. These events will take place on Microsoft Teams/Zoom.

Date	Time	September	Facilitator		
28	0930 - 1230	Productive writing: techniques, planning and finishing	Dr Joanna Young - Electv Training		
Date	Time	October	Facilitator		
6	0930 - 1230	Writing scientific articles for publication	Dr Joanna Young – Electv Training		
14	1300 - 1430	Good research practice and a healthy research culture	James Parry - UKRIO		
28	1000 - 1300	NHS research ethics and governance	Dr Helen Newbury – NHS Lothian		
Date	Time	November	Facilitator		
4	0930 - 1230	Publish or perish: managing the academic publishing process	Dr Joanna Young – Electv Training		
11	1100 - 1500	The health resilient researcher	Dr Joyce Reed – Fast Track Impact		
24	1400 - 1600	Introduction to working with policymakers	Nick Bibby - SPRE		
Date	Time	December	Facilitator		
1	1330 - 1430	Research commercialisation as impact	Dr Lissa Herron, Converge		
Date	Time	January	Facilitator		
13	1000 –1200	Understanding research metrics	Professor Jim Scobbie –QMU REF 2021 Academic Lead		
Date	Time	February	Facilitator		
9	1400 - 1530	Show and Tell - Enhancing your research methods –session with audio-visual walk throughs	Professor Jim Scobbie - Director of the Clinical Audiology, Speech and Language Research Centre (CASL)		
Date	Time	March	Facilitator		
2	0930-1630	Fast track your research impact	Professor Mark Reed – Fast Track Impact		
8	1300-1430	Good research practice and a healthy research culture	James Parry – UKRIO		
28	0930-1230	Navigating peer review- challenges, responses and publishing	Dr Joanna Young – Electv Training		
Date	Time	April	Facilitator		
6	0930- 1230	Figures,images and visualising information	Dr Joanna Young – Electv Training		
Date	Time	May	Facilitator		
5	1300–1500	Communicating research to policy professionals	Nick Bibby – SPRE		
10	0930 -1230	Networking for researchers – strategy and engaging	Dr Joanna Young – Electv Training		
17	1300-1600	Digital strategy: profiles, social media and connecting	Dr Joanna Young – Electv Training		
24	1300-1600	Project management for researchers - Early Career Researchers (ECRs)	Dr Joanna Young – Electv Training		
Date	Time	June	Facilitator		
1	0930-1230	Planning and designing your research career	Dr Joanna Young – Electv Training		
1	1330-1630	Careers beyond research – applying your skills outside academia	Dr Joanna Young – Electv Training		
8	0930-1230	Attracting your own research funding: writing and applying for fellowships	Dr Joanna Young – Electv Training		
21	1000-1200	REF and Research Excellence - Understanding research quality ratings and routes to research independence	Professor Jim Scobbie, QMU REF 2021 Academic Lead		

On-line modules accessible from October 2021 – September 2022. These can only be booked by contacting RKEDU - rkedu@qmu.ac.uk Oct 2021 – Sept 2022 Introduction to R and data visualisation – series of three introductory online modules Electv Training

Electy Training

Other QMU Resources	Contact/Link
Researcher wellbeing	the QMU e-learning platform
Safeguarding	the QMU e-learning platform
Equality, diversity and inclusion	the QMU e-learning platform
Researcher Enhancement and Development Programme (READ)	graduateschool@qmu.ac.uk
Research Integrity Training Modules (University of Dundee) - available on the QMU HUB	QMU Hub
On-campus Business Gateway free impartial advice and training to staff and students on enterprise creation	rkedu@qmu.ac.uk
<u>Teaching, Research and Academic Mentoring Scheme (TRAMS)</u> - Provides access to additional training opportunities via the TRAMS mentoring scheme	rkedu@qmu.ac.uk
QMU has a strategic collaboration with <u>Women's Enterprise Scotland (WES)</u> . Carolyn Currie, CEO of WES is QMU's Entrepreneur in Residence and is available to support researchers.	rkedu@qmu.ac.uk
QMU memberships – access to training and resources	Contact/Link
Vitae Access to a range of research networks, resources and expertise for career development	rkedu@qmu.ac.uk
Research Professional Customised database for all the latest research funding opportunities	rgcu@qmu.ac.uk
Scottish Policy Research Exchange (SPRE) Supports researcher/policy maker collaboration	rkedu@qmu.ac.uk
<u>UK Research Integrity Office (UKRIO)</u> Provides independent, expert and confidential advice on the conduct of academic, scientific and medical research	rkedu@qmu.ac.uk
EURAXESS UK Supports researcher mobility and career development, while enhancing scientific collaboration between Europe and the world	rkedu@qmu.ac.uk
Converge Entrepreneurship/enterprise creation programme for researchers at all Scottish Universities.	rkedu@qmu.ac.uk
PraxisAURIL Resources and training for knowledge exchange	rkedu@qmu.ac.uk
External Resources	Contact/Link
Research data management - various on-line resources	Available on the Researcher Development intranet site
Becoming an ethical researcher - Open University training materials	Available via link Open University
Wellcome Trust Clinical Research Facility training courses – ongoing promotion by RKEDU	rkedu@qmu.ac.uk
Early Career Researchers Career Management skills course – Glasgow University online module	Available via link Glasgow University
Safeguarding – UK Collaboration on Development Research (UKRIO) – on-line resources	Available via link <u>UK Collaboration on</u> <u>Development Research (UKCDR)</u>

Oct 2021 – Sept 2022 Your professional research profile and networking

Researcher Development Training Schedule 2021/22

	Topic	Provider	Duration of session	Date
Kno	wledge and Intellectual Abilities			
1.	Productive writing: techniques, planning and finishing How do you initiate the writing process when faced with only a blank page or a cursor incessantly blinking on the screen? This workshop will focus on how to start writing, how to keep going and how to finish. The workshop will cover initiating and managing a manuscript, structure, productive writing techniques and a short introduction to new collaborative writing tools.	Dr Joanna Young – Electv Training https://electv.net/	0930 -1230	Tuesday 28 September 2021
2.	Writing scientific articles for publication Writing is challenging, but it is an important skill that is developed and honed over time, and is a key component of the researcher's skillset. This workshop covers how to structure an original research paper, designing and planning your article, how to articulate your argument, what to highlight, good practice and what to avoid. This session will cover language, style and tone, using selected examples from the existing literature.	Dr Joanna Young – Electv Training https://electv.net/	0930–1230	Wednesday 6 October 2021
3.	Publish or perish: managing the academic publishing process Publishing your work and sharing your findings is a key component of a successful research career. This workshop is designed to cover the key actions and issues behind publishing a research paper including manuscript preparation, choosing the appropriate journal and peer review. In addition it will include an introduction to the controversial subject of metrics.	Dr Joanna Young – Electv Training https://electv.net/	0930–1230	Thursday 4 November 2021
4.	Navigating peer review: challenges, responses and publishing All researchers will encounter peer review during their career, both as an author and as an expert who has been asked to review the work of another. This workshop will introduce researchers to the peer review system including the process, the complexities, the responsibilities of the author/ reviewer and how to get the most out of the experience. In this workshop, participants will be introduced to the academic publishing and peer review system through short presentations, discussions and peer review exercises.	Dr Joanna Young – Electv Training https://electv.net/	0930–1230	Monday 28 March 2022

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5.	Introduction to R and data visualisation – (series of three introductory online modules) This course will introduce you to R, one of the most powerful statistical software tools available today. The R software is completely free to use and it has an active global community, it is also one of the most widely used programs for statistics and graphics in scientific research, with tens of thousands of published papers citing R every year. This suite of short courses is designed to introduce beginners to the R software.	Electv Training https://electv.net/	Online modules	Available October 2021 – September 2022
6.	Show-and-tell: Enhancing your research methods section with audio-visual walk-throughs We use complex instrumental, digital and humanistic methods to collect, process and analyse research data. We describe such methods in our publications, aiming for clarity and replicability. Yet, even though journals and books can host supplementary audiovisual materials, and the Open Science movement encourages the sharing of scripts and data, our published descriptions of our research methods primarily rely on written prose with diagrammatic support. This is despite user-created audiovisual tutorials being increasingly commonplace, and the existence of a peer-reviewed Journal of Visualized Experiments. This workshop will help you develop the skills and use the tools needed to self-create "Show-and-Tell" videos to convey your methods to your research audiences in an audiovisual format. Materials will be available in advance, if you want to give it a try.	Professor Jim Scobbie, Director of the Clinical Audiology, Speech and Language Research Centre (CASL)	1400 –1530	Wednesday 9 February 2022
7.	Figures, images and visualising information Displaying information in a visual format is an excellent way for researchers to communicate their work. You can enhance your research papers, thesis, conference posters, presentations and public engagement activities with accurate and clear visual representations. This workshop is designed to introduce participants to various types of visual formats including standard graphs, information visualisations and graphics for publication. This workshop covers the principles of visualising information, examples of good visualisations and poor visualisations and case studies including examples from the instructor's own publications and experience.	Dr Joanna Young – Electv Training https://electv.net/	0930–1230	Wednesday 6 April 2022
8.	Networking for researchers: strategy and engaging Building a network and using it effectively is a key requirement for all professionals, whether it is in an academic research setting, industry engagement or a conference. This workshop will focus on how to establish a network and build it to support your career and aims and will cover networking strategies, engagement methods and how to "pitch" yourself and/or your ideas.	Dr Joanna Young – Electv Training https://electv.net/	0930 - 1230	Wednesday 10 May 2022

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9.	Digital strategy: profiles, social media and connecting This workshop is designed specifically for researchers who are looking to develop their online presence and boost their career prospects through social media. The workshop is designed to cover a selection of mainstream social media tools that can be used to build your online profile. Short group exercises, case studies and the instructor's personal experience will be included to illustrate key points.	Dr Joanna Young – Electv Training https://electv.net/	1300– 1600	Tuesday 17 May 2022
10.	Research data management – on-line training resources Research Data Management has been identified as a priority area for training and we provide a number of online resources that have been shared collaboratively between Scottish Universities on our Researcher Development Intranet site (these are also detailed at the end of this brochure).	Contact: rkedu@qmu.ac.uk	Ongoing	Ongoing
Pers	onal Effectiveness			
11.	The health resilient researcher During this course you will discover new ways to view personal health and become a more resilient researcher. Start to address the key cornerstones of a healthy lifestyle and help yourself to become significantly more productive as a researcher, whilst finding a more authentic version of you. Rather than learning (yet more) about health fads, you will learn practices and life hacks that will slot into your busy schedule and start you on a road to achieving whole health. Fast Track Impact provides a source of evidence based resources and free training for researchers who want to generate impact from their research.	Dr Joyce Reed – Director <u>Fast Track</u> <u>Impact</u>	1100 - 1500	Thursday 11 November 2021
12.	Project management for researchers – Early Career Researchers (ECRS) Effective project management is essential for researchers throughout their career. This workshop will introduce participants to various project management techniques that they can use in their project. It will include sections on initiating your project, breaking your research down into sections, strategic planning, analysing your progress, optimising your time and risk management.	Dr Joanna Young – Electv Training_ https://electv.net/	0930 - 1230	Tuesday 24 May 2022

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13.	Your professional research profile and networking The course content is presented using a variety of formats such as text, images and videos to suit a range of studying preferences. It is designed to fit into a researcher's busy schedule, therefore it is short, concise and can be completed in your own time. This course focusses on how to establish and build a network both online and offline, and how to design a unique networking strategy that works for you. Participants will be encouraged to consider their digital profile, who they want to engage with and how networking can support their career plans and goals.	Electv Training https://electv.net/	Online	Available October 2021 – September 2022
14.	Attracting your own research funding: writing and applying for fellowships A career in research is exciting, varied and gives you the opportunity to be at the cutting edge of discovery in your chosen field, but it is a highly competitive environment How do you go about the process of applying for your own postdoctoral research fellowship? There is more to it than filling in an application form. This workshop will include case studies, individual exercises and the instructor's own experience of successfully obtaining a postdoctoral research fellowship.	Dr Joanna Young – Electv Training https://electv.net/	0930 -1230	Wednesday 8 June 2022
15.	Planning and designing your research career If you are interested in continuing in research then it is never too early to start planning your career trajectory and thinking about what direction you want to go. This workshop will give an overview of academic careers, including case studies and examples from the instructor's own experience. Participants will be asked to consider their career strategy going forward, regarding their research field, their accomplishments to date and their next steps.	Dr Joanna Young – Electv Training_ https://electv.net/	0930 -1230	Wednesday 1 June 2022
16.	Careers beyond research: applying your skills outside academia During their career, researchers develop a number of skills that they can utilise in a variety of other positions, whether these are related to their research or not. A key component to finding a job outside academia is presenting yourself well at interviews, highlighting your skills and explaining your academic experience in a way that appeals to certain employers. This workshop aims to highlight a number of these careers and to explore what particular options might be compatible with individuals.	Dr Joanna Young – Electv Training https://electv.net/	1330 -1630	Wednesday 1 June 2022

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17.	In partnership with the University of Glasgow we are offering an online Early Career Researchers Career Management skills course. Being an early career academic researcher, whether you're a doctoral student or research staff, can be challenging: should you pursue further academic research? What skills will help you progress in an academic career? What other career options are open to you? On this course you will answer these questions and more, considering how to manage you career and reflecting on what you want out of a career. You will be encouraged to consider different career options, both within and outside academic research, and build your confidence in marketing yourself in applications and interviews.	University of Glasgow – online module	Ongoing	Ongoing
18.	QMU READ programme Staff and doctoral researchers can benefit from engaging with the READ programme. READ (researcher enhancement and development) aims to support participants to develop and enhance their knowledge, skills and abilities in creating and interpreting new knowledge through conceptualising, designing and undertaking projects and research. The READ programme is suitable for doctoral researchers and staff who wish to develop and enhance their research skills. Contact: graduateschool@qmu.ac.uk	Contact: graduateschool@ qmu.ac.uk	Ongoing	Ongoing
19.	Researcher wellbeing Our research culture is underpinned by a commitment to the promotion of researcher mental health and wellbeing, through for example, the effective management of workloads and people, and effective policies and practice for tackling discrimination, bullying and harassment, including providing appropriate support for those reporting issues. A range of training is available to all staff via QMU Develop the e-learning platform.	QMU Develop e-learning platform.	Ongoing	Ongoing
20.	Equality, diversity and inclusion QMU is committed to equality, diversity and inclusion in researcher careers. A range of training opportunities are available via the QMU Develop the e-learning platform.	QMU Develop the e-learning platform	Ongoing	Ongoing

	Topic	Provider	Duration of session	Date
Rese	earch Governance and Organisation			
21.	REF and Research Excellence – understanding research quality ratings and routes to research independence An introduction and overview of REF quality definitions in relation to research publication from Professor Jim Scobbie, QMU REF 2021 Academic Lead and REF 2014 and REF 2021 Panel Member. The session will also explore sector definitions of and routes to becoming an "independent researcher"	Professor Jim Scobbie QMU REF 2021 Academic Lead	1000 -1200	Tuesday 21 June 2022
22.	NHS research ethics and governance This workshop is for all staff engaging in NHS research and will be focused on the specific needs of QMU researchers. This workshop will cover NHS processes and procedures, including: guidance on the ethical review process; when is it needed; grey areas; and service evaluation/audit. This will be followed with a session on Research Governance and will end with an opportunity for Q and As. Attendance is strongly encouraged as this training forms an important part of QMU's obligations in support of The Concordat to support Research Integrity .	Dr Helen Newbury, Scientific Officer, South East Scotland Research Ethics Service	1000 -1300	Thursday 28 October 2021
23.	Becoming an ethical researcher This free course, explores the ethics of planning, carrying out and reporting research which involves human participants. It will sensitise you to issues that a researcher should consider to support ethical and well-justified decision-making. A wide variety of research scenarios are used to stimulate individual reflection and discussion on the course forum, participation in which, together with successful completion of quizzes, will contribute to gaining a digital badge.	Open University On-line training (18 hours course)	Ongoing	Ongoing

г	Topic	Provider	Duration of session	Date
24.	Understanding research metrics Researchers are often aware that they should avoid the use of dubious metrics or other proxies for research quality. QMU's Institutional Statement on the Use of Metrics in Research Assessment offers a useful guide to responsible research assessment. It provides a set of principles outlining good practice. This session will explore QMU's commitment to becoming a signatory to the San Francisco Declaration on Research Assessment (DORA) to underpin its commitment to the responsible use of research metrics; adopting the principles of the Leiden Manifesto; implementing the recommendations of the Forum for Responsible Research Metrics; and the use of journal impact factors.	Professor Jim Scobbie-QMU REF 2021 Academic Lead	1000-1200	Thursday 13 January 2022
25.	Good research practice and a healthy research culture The standards for research seem to be fairly straightforward: be honest, take care of research participants, and don't steal the work of others. James Parry, Chief Executive of the <u>UK Research Integrity Office</u> will explore whether these assumptions are correct or if we need to think a bit more about what ethics and integrity mean for our research. What impact can 'research culture' – the environment and ethos of research organisations – have on the quality and ethical standards of research? Do incentives and competition improve the conduct of research or increase mistakes and other problems? The session will look at the challenges involved in ensuring that research is high quality and of high ethical standards, discuss the pressures faced by researchers and explore what researchers and organisations can do to safeguard and enhance good research practice. QMU is a member of the <u>UK Research Integrity Office (UKRIO)</u> . As part of this membership, <u>UKRIO provides independent</u> , expert and confidential advice on the conduct of academic, scientific and medical research, from promoting good practice to addressing poor practice and misconduct.	James Parry, Chief Executive Officer, UK Research Integrity Office	1300 –1430 1300 -1430	Thursday 14 October 2021 and Tuesday 8 March 2022
26.	Research training modules (University of Dundee) Through collaboration with the University of Dundee, training modules are available to all researchers to support understanding of research integrity and compromised integrity issues and to instil a culture of good practice. This underpins QMU's commitment to the Concordat for Research Integrity. Available on the QMU Hub	Available on the Hub and via our QMU Develop system	Ongoing	Online rolling

Г	Торіс	Provider	Duration of session	Date
27.	Safeguarding and research Safeguarding is a high priority among UK funders and QMU is committed to ensuring that safeguarding implications are properly considered and managed during the lifetime of research projects. A QMU safeguarding training module is available to all staff via the QMU Develop the e-learning platform. The UK Collaboration on Development Research (UKCDR) also has a range of useful training resources.	QMU Develop the e-learning platform.	Ongoing	Online rolling
28.	Introduction to Research Professional Research Professional is a source of intelligence and the gateway to a huge resource of up to date research funding opportunities and research policy information. QMU are members of Research Professional and staff can access this website to explore the extensive content databases and customise their experience with the site to meet their own specific research interests and funding opportunities. Contact rgcu@qmu.ac.uk	Contact: rgcu@qmu.ac.uk	Ongoing	Ongoing
29.	Research Grant and Contract Support at QMU RGCU provides support for all aspects of applying for and managing research grants and other externally funded project income including identifying project costing and pricing, funding applications, negotiating funder contracts and collaborative agreements, intellectual property protection, and post-award financial management and reporting. Contact rgcu@qmu.ac.uk.	Contact: rgcu@qmu.ac.uk	Ongoing	Ongoing
Enga	agement, Influence and Impact			
30.	Introduction to working with policymakers This workshop covers – "What are policymakers looking for from research? What questions should researchers address? When is the best time to engage? Who should you contact? This session will provide an overview of how to get your research noticed by government and other policy institutions. The Scottish Policy and Research Exchange (SPRE) is a network of professionals working together to deliver evidence-informed policy in practice. QMU's membership of SPRE helps researchers and policymakers to collaborate more effectively.	Nick Bibby, Director, Scottish Policy Research (SPRE)	1400 -1600	Wednesday 24 November 2021

	Topic	Provider	Duration of session	Date
31.	Communicating research to policy professionals Should I Tweet? How long's a blog? Who reads policy briefings? Should I wait to be asked? The policy community consumes a huge amount of academic research, this session will focus on how to package it for maximum effect.	Nick Bibby, Director, Scottish Policy Research (SPRE)	1300 -1500	Thursday 5 May 2022
ı	The <u>Scottish Policy and Research Exchange (SPRE)</u> is a network of professionals working together to deliver evidence-informed policy in practice. QMU's membership of SPRE helps researchers and policymakers to collaborate more effectively.			
32.	Fast track your research impact This session will give you everything you need to generate and communicate real-world impacts from your research. You will learn about practical tools to time-efficiently increase the significance and reach of your impact. Fast Track Impact provides evidence based resources and free training for researchers who want to	Professor Mark Reed, Chief Executive Officer Fast Track Impact	0930 -1630	Wednesday 2 March 2022
	generate impact from their research.			
33.	Researcher careers – setting yourself up as independent research consultant or freelancer This workshop will provide you with the knowledge and skills to set up as an independent consultant or freelancer. It will be facilitated by Steve Newlin, Business Advisor, East Lothian Business Gateway. The East Lothian Business Gateway is based at QMU and provides one to one impartial advice and a range of free workshops and seminars to staff. If you are interested in speaking to the Business Gateway team about these resources or for advice, please contact rkedu@qmu.ac.uk for further details.	Steve Newlin, Business Advisor, East Lothian Business Gateway	1000 - 1100	Tuesday 18 January 2022

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34.	Research commercialisation as impact Research impact has traditionally been measured by publication, but wider definitions are increasingly valued by essential stakeholders. This workshop will look at how commercialisation can extend the reach and significance of research impact.	Dr Lissa Herron Enterprise Manager Converge	1330–1430	Wednesday 1 December 2021
	Other training opportunities - 'open to all' workshops - which can be booked directly on the Converge website.			
ı	 13 October 2021 1300 -1400 - Understanding intellectual property 27 October 2021 1300 -1400 - Understanding your market and customers 10 November 2021 1300 -1400 - From idea to market: getting your business ready 24 November 2021 1300 -1400 - Business models and route to market 1 December 2021 1300 -1400 - Start-up Finance 			
	Converge is supported by the Scottish Higher Education Institutions. Our QMU membership gives us access to their company creation programme for researchers, aimed at creating a new generation of entrepreneurs in Scotland. Contact: rkedu@qmu.ac.uk			
35	Women's Enterprise Scotland (WES) QMU has a strategic collaboration with Women's Enterprise Scotland (WES) in support of our institutional priorities to champion the pressing enterprise and societal issue of gender inclusion and to address gender disparity in research. Carolyn Currie, CEO of WES is QMU's Entrepreneur in Residence and is available to support researchers. WES works in collaboration with local, national and international partners towards the vision of a gender equal, diverse and inclusive innovation ecosystem. Contact: rkedu@qmu.ac.uk The following webinars are available to all QMU staff and students and alumni, and are bookable through	Contact: rkedu@qmu.ac.uk	Ongoing	Ongoing
	 Eventbrite. 10 November 2021 1300 – 1415 - Identifying Your Business Idea and Getting Started 19 January 2022 1300 – 1415 - Juggling Caring Commitments and Being Productive for your Business 16 February 2022 1300 – 1415 - The Reality of Funding your Business 23 March 2022 1300 – 1415 - Selling and Creating Your Earning Power 			

	Topic	Provider	Duration of session	Date
36.	Wellcome Trust Clinical Research Facility training courses Researchers benefit from the extensive training seminars and events hosted by the Wellcome Trust Clinical Research Facility (WTCRF) in Edinburgh. The WTCRF provides a multi-professional programme of education in the skills and tools required to carry out clinical research. It delivers over 60 training courses and seminars each year and works to meet the changing needs of clinical researchers locally and across Scotland. Dedicated support is provided to Contract Research Staff (CRS) and Early Career Researchers in accessing WTCRF courses – contact rkedu@qmu.ac.uk .	RKEDU promotes courses out	Ongoing	Ongoing

Research Data Management Training for Researchers

There are a variety of online research data management resources that have been shared collaboratively between Scottish Universities, including:

- CESSDA free online expert tour guide to data management
- MANTRA free online course on the fundamentals of good research data management
- DCC Data management education and training list
- Coursera research data management and sharing course
- Essentials 4 Data Support course on storing, managing, archiving and sharing research data

Research Data Management and Sharing - The Massive Open Online Course (MOOC)

This free five-week Coursera MOOC - created by the Universities of Edinburgh and North Carolina - is designed to reach learners across disciplines and continents. Subjects covered in the 5-week course follow the stages of any research project. They are:

- Understanding Research Data
- Data Management Planning
- Working with Data
- Sharing Data
- Archiving Data

The MOOC uses the Coursera on-demand format to provide short, video-based lessons and assessments across a five-week period, but learners can proceed at their own pace. Although no formal credit is assigned for the MOOC, Statements of Accomplishment will be available to any learner who completes a course for a small fee. https:// www.coursera.org/learn/data-management.

Research Data MANTRA

MANTRA is a free, non-credit, self-paced course designed for postgraduate students and early career researchers which provides guidelines for good practice in research data management. Find out how well you manage your data. Learn how to create a data management plan, securely store and share your data. MANTRA also includes practical exercises on using SPSS, NVivo, R, or ArcGIS for data handling. MANTRA.