MRC-PHE Centre for Environment & Health Training Programme Guide

“highest quality research in the fields of environment and health, in order to inform health policy and the understanding of key issues affecting society.”
MRC-PHE Centre for Environment & Health Training Programme Guide

➢ Researchers Society
➢ Centre Activities and Events
➢ College Training Opportunities
➢ Contacts
The aims of the Researchers' Society are:

- To provide a voice and promote the welfare and career development of researchers across the Centre.
- To improve and facilitate training and career development of researchers across the Centre.
- To build a collaborative and engaged community of researchers.
- To promote the exchange and dissemination of information relating to matters affecting researchers across the Centre.
- To facilitate communication, collaboration and sharing of ideas within the research community across the Centre.
Centre Activities and Events

• Support Sessions with Training Programme Coordinator:
  • Dedicated open door sessions 1-2pm on Mondays
• 1:1 sessions on request with TPC for interviews, conference presentations etc
• Researchers Society – see http://www.environment-health.ac.uk/researchers-society
• International Scientific Advisory Board Meeting (June 2016)
• Public Engagement Events e.g. MRC Festival of Medical Research (June 2016)
• Centre Pump-Priming Grants call Summer 2016
• Training Programme Annual Meeting (November 2016)
Imperial College Graduate School
Professional Skills for Doctoral Students
http://www.imperial.ac.uk/study/pg/graduate-school/professional-skills/doctoral/

• Writing for Success
  • Literature Review
  • Publication
  • Thesis
  • Grants
• Perfecting Presentations
  • Posters
  • Conferences and Seminars
  • Advanced Practice and Review
• Communicating Science to a Wider Audience
  • Public Engagement
  • Communicating Research in Schools
  • Introduction to Science Policy
• Ensuring Integrity
  • Intellectual Property
  • Introduction to Making your Thesis Open Access
  • Science, Research and Integrity
  • Science in Context: How Science Tells the Truth
• Management Skills
  • Becoming an Effective Researcher
  • Time Management for your PhD and beyond
  • Project Management in Action
  • Planning and Preparing for your Thesis and Viva
• Understanding Yourself and Others
  • Myers-Briggs Personality Model
  • Clifton Strengths Finder
  • Recognise Stress Indicators and Develop Coping Strategies
  • Maintaining your Motivation and Building Independence
  • Building your Resilience
• Careers
  • Career Planning
  • Career Focus for the Future
  • Effective CVs and Applications
  • Job Search with a Difference
  • Preparing for Interviews
• Computing
  • Introduction to C-programming
  • FORTRAN
  • Hardware Hacking and Interdisciplinary Prototyping and Experimentation **COMING SOON**
  • Introduction to Linux/Unix
  • Introduction to R-Programming
  • Introduction to LaTeX
• Enterprise & Entrepreneurship
  • The Enterprising Mindset and Entrepreneurial Attributes
  • Idea Generation and Evaluation
  • Business Models and Plans
  • Sources and Types of Business Funding
  • Building an Enterprising Team
  • Preparing and Delivering a Pitch for Business Investment
  • Marketing Your Research for Industry Collaboration
  • Enterprising Women - Enterprise and Entrepreneurs
  • Social Enterprise - Business with a Social Conscience
  • Mini MBA Programme

• Research Skills for Social Sciences and Medicine

• Teaching
  • An Introduction to Teaching Methods in Higher Education
  • Assessment and feedback in practice
  • Practical Guidance for your Application to Associate Fellowship of the HEA

• Information Management
  • Blogs, Twitter, Wikis & Other web-based Tools
  • EndNote
  • Keeping Your Research Up to Date
  • Data Management
  • Information Retrieval
  • Introducing the Web of Science Database

• Statistics
  • Statistical Thinking
  • Regression Modelling
  • Statistics using SPSS

• Successful Interactions
  • Assertiveness for dialogue during your doctorate and beyond
  • Negotiation for your doctorate and beyond
  • Networking for your doctorate and beyond
  • Enhance your Leadership Skills

• Finish Up and Move On
• Planning your Career - What Next? (Postdocs in Physical Science & Engineering)
• Planning your Career (What Next? - Postdocs in Life Sciences & Medicine)
• Taking Charge of your Career: Postdoc Development Programme
• Making the Most of your Postdoc
• Planning for success beyond your postdoc
• Managing Your First Research Group
• Science Communication Workshop for Postdocs
• Consultancy Making your knowledge work for you
• Research Ethics: Making a Successful Application to the Committee
• Preparing Successful Fellowship Applications
• Funders Showcases
• Innovation and Industry: Effective Project Implementation
• How Intellectual Property Rights (IPR) Can Impact your Research
• Planning for an Academic Career & Interview (Postdoctoral Research Staff)
• Preparing for an Interview Outside Academia (Postdoctoral research staff)
• Leadership in Research
• Aiming for a Lectureship
• Personal Impact and Networking with Confidence
• How to Peer Review Research Papers
• How to Peer Review Research Papers
• Planning and Managing Research Projects in Academia
• Pop-up workshops
• Personal Review and Development Plan (PRDP) Briefing Session
• Great Presentations for Great Results
• Stand and Deliver: Presenting with Confidence and Flair
• Pronunciation for non-English speakers
• Recruitment and Selection Training
• Assisting with PhD Supervision
• Introduction to Teaching and Learning for Postdocs
• Interactive Large Group Teaching
• Time Management for Postdocs
• Effective Voice Projection
• One to One Voice Coaching Sessions
• The Springboard Women’s Development Programme
• Writing Skills Programme
King's College Researcher Development
http://www.kcl.ac.uk/study/graduate-school/researcher-development/index.aspx

- Careers & Employability
  - Deciding What's Next: Careers Outside Academia for the Sciences
  - Deciding What's Next: Staying In or Leaving Academia
  - How to Become a Lecturer
  - Improving Your Applications: CVs, Cover Letters, Forms and More
  - Succeeding at Assessment Centres: Case Studies, Group Work, Psychometric Tests and More
  - Succeeding at Job Interviews: Questions, Answers and Practice

- Communication & Impact
  - 3 Minute Thesis Heats
  - Communicating with Policymakers
  - Fundamentals of Giving a Poster Presentation
  - Improving Communication & Emotional Intelligence for Researchers
  - Making the Most of Conferences
  - Neuro-linguistic Programming for Researchers
  - Personality Types in Research Groups
  - Presentation Skills
  - Public Engagement 1: Introduction to Public Engagement
  - Public Engagement 2: Developing your own public engagement activity
  - Public Engagement 3: Using blogs and social media
  - Public Engagement 4: Engaging school children
  - Public Engagement 5: Making headlines – promoting your work to the media
  - Public Speaking for Research Students & Research Staff

- IT essentials
  - Desktop EndNote for PC
  - Introduction to RefWorks
  - Library Resources for Natural & Mathematical Sciences
  - Literature Review Workshop for Postgraduates in Health & Clinical Sciences
  - Lexis Library Training
  - Westlaw Training
  - Microsoft Excel functions
  - Microsoft PowerPoint introduction
  - Microsoft PowerPoint intermediate
  - Microsoft PowerPoint for poster presentations (PC/Mac)
  - Microsoft Project introduction
  - Microsoft Project intermediate
  - Microsoft Word long documents for theses (PC/Mac).

- Personal effectiveness
  - Creativity and Problem Solving
  - Effective Speed Reading for Researchers
  - Leadership Skills for Research Students
  - Managing Research Projects
  - Time Management for Researchers
King’s College Researcher Development
http://www.kcl.ac.uk/study/graduate-school/researcher-development/index.aspx

- **Resilience & wellbeing**
  - Assertiveness Skills for Researchers
  - Introduction to Mindfulness
  - Motivation - Your Tools to Greater Success
  - Resolving Conflict in the Research Environment
  - Springboard Women’s Development Programme
  - Stress Management for Researchers
  - Surviving the PhD 1: Prioritisation and Work-life Balance
  - Surviving the PhD 2: Planning your PhD and Maintaining Motivation

- **Statistics & data management**
  - Essentials of Copyright – What Academic Staff need to know
  - An Introduction to Quantitative Methods (for Qualitative Researchers)
  - Introduction to Statistics for Researchers – 6-day course
  - Learning to Use NVivo
  - Managing Your Research Data
  - Measures of Agreement and Statistical Methods for Assessing Diagnostic Tests
  - Responsible Conduct in Research: Research Ethics, Governance and Integrity
  - SPSS Introduction
  - SPSS Intermediate
  - Survival Analysis

- **Academic Progression (research staff only)**
  - How to Become a Principal Investigator
  - Leadership Skills for Post-docs
  - The Strategic Academic
  - Things Every Post-doc Needs to Know

- **Doctoral essentials (PhD students only)**
  - Preparing for the Upgrade from MPhil to PhD in the Sciences
  - Preparing for the Viva
  - Starting Your PhD in the Sciences
  - Writing Up the Thesis in the Sciences

- **Writing & publishing**
  - Citations Count! Measuring Your Publication Impact
  - Editing Your Thesis Effectively
  - Fundamentals of Good Writing
  - How to Construct An Argument
  - Open Access Publishing – What Researchers and Authors Need to Know
  - Search Strategies for Systematic Reviews
  - Writing A Literature Review for the Sciences
  - Writing for Publication in the Sciences
  - Writing Research Proposals
Opportunities for MRC-Funded Students

- AMS/MRC policy internship scheme (3 months extension)
- Max Perutz Science Writing Competition
- Imperial MRC Colloquium Essay Prize
- Imperial MRC Supplement Scheme
  - Funding for:
    - Internships and Placements
    - High cost training
    - Exceptional training opportunities fund
    - In vivo strategic skill awards
    - Industry training fund
    - Outreach
    - PhD to postdoctoral transition fund (open access publication)
    - PhD to postdoctoral transition fund (travel)
# Contacts

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Contact Details</th>
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</thead>
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[www.environment-health.ac.uk](http://www.environment-health.ac.uk)