



 **RESEARCH TO  
PUBLICATION**

A unique way to strengthen  
research output

**UCSF**

University of California  
San Francisco

**BMJ**

## What is it?

*Research to Publication* is a new e-learning initiative from BMJ and UCSF for doctors and healthcare researchers, particularly early in their careers. It develops research skills and helps researchers to get papers published.

Modules are organised into 6 courses\*, each covering a specific topic and available individually. The courses are:

- Designing clinical research
- Introduction to clinical trials
- Responsible conduct of research
- How to write a paper
- What editors and peer reviewers look for
- Publication ethics

\*see inside back page for list of individual modules available with each course

More than simply a course on “how to write a paper”, *Research to Publication* covers, in depth, everything from developing good research questions and the best study designs (given local circumstances), through to reporting studies and understanding what editors and peer reviewers are really looking for.

All materials include real examples, including policies and case studies about doing and publishing research from low and middle income countries.

This programme has been developed over the past 18 months – in collaboration with UCSF’s Clinical and Translational Science Unit – to help medical schools and other research institutions to build their curricula.

## Who should consider a subscription?

Anyone conducting research on medicine, health care, public health, and epidemiology—or any staff responsible for fostering a culture of research and publication at their institution. This may include:

- **doctors**
- **nurses**
- **health economists**
- **health services researchers**
- **systematic reviewers**
- **students**
- **research officers and managers**
- **research integrity offices**

### How will subscribers and course participants benefit from *Research to Publication*?

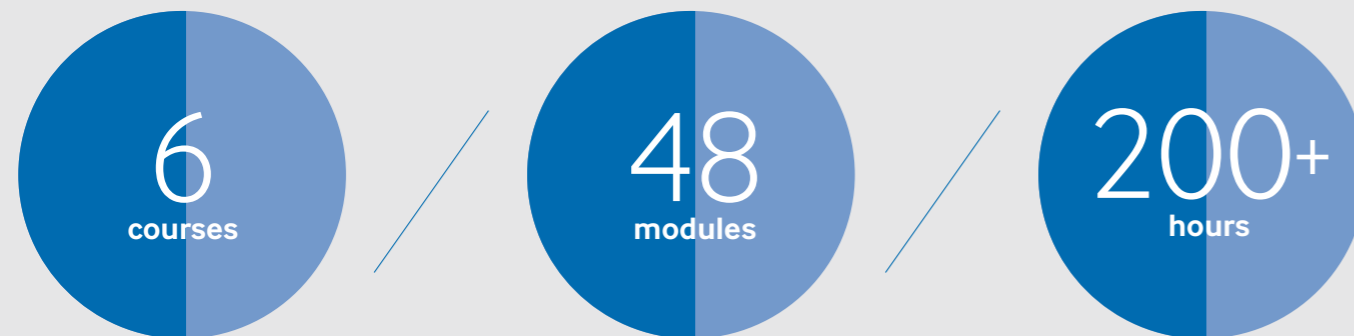
It removes the obstacles that prevent many researchers (especially those at the start of their research career) from getting published in high-impact, peer-reviewed journals.

Offering researchers the critical advice on research design, medical ethics, and the journal publication process brings the following benefits for both themselves and their institution:

- The authors help advance their own careers
- The originating institution gains greater international recognition
- Recognised contributions to medical knowledge help attract more funding
- New evidence improves patient outcomes

### The publishing solution for researchers and institutions

Every day, BMJ witnesses the challenges researchers face, and is made aware of the growing desire of universities to provide their students and faculty with the support and training they need to get published in high-impact journals. This includes developing sound research skills and instilling high ethical standards.



Self-directed online study



Flexible learning



Video lectures



Narrated slides



Reading materials



Assessments (MCQs)



Certificate of completion

## Benefits checklist

- ✓ The only programme that combines the expertise of a world-class medical publisher with that of a world-leading university teaching medical research skills
- ✓ Offers practical advice in a user-friendly multimedia format
- ✓ Focused on clinical and public health research
- ✓ Helps institutions raise their research capabilities to improve recognition and increase funding
- ✓ Comprehensive: 6 courses comprising of 48 highly-detailed modules
- ✓ Provides individuals with flexible and versatile resource to develop the skills that increasingly determine career success (or failure)
- ✓ Flexible: courses are modular so can be completed at the learner's own pace
- ✓ Offers the option for integration into a Masters programme
- ✓ Supports research integrity and drives high ethical standards
- ✓ Certificate of Completion from BMJ and UCSF for every module passed
- ✓ Builds technical research capabilities
- ✓ 75% discount on APCs for protocols submitted to BMJ Open
- ✓ Drives research quality and acceptance rates in high-impact, international journals

## For further information on Research to Publication benefits, please contact:



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What Research to Publication users are already saying about their learning experience:

“Excellent modules, a good way to start in research. Nothing beats a quality course like this. Recommended.”

“The module comprises features of clarity, style, concision, focus and organisation.”

“Very good modules.”

“Thanks for this well prepared and informative module.”

“I enjoyed the format. Very easy to follow.”

“Concise and informative.”

## Courses and modules

### How to write a paper

- The introduction: presenting the research question
- The methods: matching study designs to research questions
- Ethics aspects of study methods
- Reporting statistical methods and analyses
- The results: reporting all findings succinctly
- The discussion: using structure and balance
- Choosing and citing references
- Optimising the abstract and title

### Publication ethics

- Patients' consent for publication
- Journal rules on authorship
- Reporting conflicts of interest
- How to write up industry-sponsored trials
- Scientific transparency: the pitfalls of selective reporting
- How and why to avoid plagiarism
- How journals uncover scientific fraud
- How journals act on scientific misconduct

### What editors and peer reviewers look for

- Compliance with journal and ICMJE requirements
- Navigating journal and peer review processes
- Surviving peer review
- What to do with rejections and appeals
- Pre-submission inquiries and cover letters
- Good medical writing

### Designing clinical research

- Course introduction and the research question
- Study design
- Subjects and variables
- Enhancing causal inference
- Sample size and power
- Statistics
- Data and safety monitoring
- Questionnaires and qualitative research
- Ethical considerations in research

### Introduction to clinical trials

- Course introduction and trial designs
- Randomisation
- Selection of participants
- Blinding
- Choosing the intervention and controls
- Recruitment
- Adherence and complete follow-up
- Outcome measures
- Adverse events
- Regulatory issues
- Ethical issues in clinical trials

### Responsible conduct of research

- Introduction and overview of regulations
- Informed consent and related issues
- Conflicts of interest
- Authorship and research misconduct
- Ethics in big data and "precision medicine"
- Research in resource-poor environments

### World-class educators

The modules are written and presented by some of the foremost experts in research and publication, including several co-authors of the seminal textbook *Designing Clinical Research*. All the educators are published authors in their own right and include:

- Prof Deborah Grady, Associate Dean of Clinical and Translational Research at UCSF
- Dr Trish Groves, Head of Research at The BMJ
- Prof Bernard Lo, Professor of Medicine, UCSF

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## Free modules

1. **How to write and publish a study protocol**

2. **Introduction to randomised blinded trials**

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## About BMJ

BMJ is a healthcare knowledge provider that advances healthcare worldwide by sharing knowledge and expertise to improve experiences, outcomes and value.

From individual clinicians to major healthcare provider organisations, our range of products and services support healthcare delivery with emphasis on quality improvement and professional development.

## About UCSF

The University of California San Francisco is focused entirely on healthcare and is one of the world's leading medical schools. For years it has trained medical researchers through various postgraduate programmes.

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