

Nature Masterclasses On-demand Course Guide (April 2026)

Nature Masterclasses On-demand currently offers 24 courses designed to support researchers across the whole research life cycle.



Design Research

[Experiments: From Idea to Design](#)

3

Share and Disseminate

[Advancing Your Scientific Presentations](#)

16

[Creating Successful Research Posters](#)

17

[Effective Science Communication](#)

18

[Maximising the Impact of your Paper](#)

19

[Narrative Tools for Researchers](#)

20

Secure Funding

[Persuasive Grant Writing](#)

4

[Finding Funding Opportunities](#)

5

Experiment and Analyse

[Data Analysis: Planning and Preparing](#)

6

[Data Analysis: Conducting and Troubleshooting](#)

7

[Interpreting Scientific Results](#)

8

[Managing Research Data](#)

9

Develop your Career

[Building a Strong Online Researcher Profile](#)

21

[Getting an Academic Research Position](#)

22

Write and Publish

[Choosing the Best Journal for Your Paper](#)

10

[Writing a Research Paper: 2nd Edition](#)

11

[Publishing a Research Paper: 2nd Edition](#)

12

[Writing and Publishing a Review Paper: 2nd Edition](#)

13

[Focus on Peer Review](#)

14

[Research Integrity: Publication Ethics](#)

15

Work with Others

[Networking for Researchers](#)

23

[Introduction to Collaboration](#)

24

[Participating in a Collaboration](#)

25

[Leading a Collaboration](#)

26

Recommended courses by career stage

We understand that every stage of a researcher's journey comes with unique challenges. Whether you are just starting out or already well into your academic career, we're here to provide tailored support and help you build essential skills for your success. That's why we've carefully selected courses recommended specifically for PhD students and postdoctoral researchers to match their current goals and learning needs.

These recommendations are based on typical career progression needs. While PhD students can benefit from some postdoc-focused courses and vice versa, the distinction helps prioritise learning at each career stage.

	Courses recommended for PhD students	Courses recommended for postdoctoral researchers
Design Research	Experiments: From Idea to Design	
Secure Funding	Persuasive Grant Writing	Persuasive Grant Writing Finding Funding Opportunities
Experiment and Analyse	Data Analysis: Planning and Preparing Data Analysis: Conducting and Troubleshooting Interpreting Scientific Results Managing Research Data	Interpreting Scientific Results
Write and Publish	Choosing the Best Journal for Your Paper Writing a Research Paper: 2nd Ed. Publishing a Research Paper: 2nd Ed. Research Integrity: Publication Ethics	Writing a Research Paper: 2nd Ed. Publishing a Research Paper: 2nd Ed. Writing and Publishing a Review Paper: 2nd Ed. Focus on Peer Review Research Integrity: Publication Ethics
Share and Disseminate	Creating Successful Research Posters	Advancing Your Scientific Presentations Effective Science Communication Maximising the Impact of your Paper Narrative Tools for Researchers
Develop your Career	Building a Strong Online Researcher Profile Getting an Academic Research Position	Getting an Academic Research Position
Work with Others	Introduction to Collaboration	Networking for Researchers Participating in a Collaboration Leading a Collaboration

Design
ResearchSecure
FundingExperiment and
AnalyseWrite and
PublishShare and
DisseminateDevelop your
CareerWork with
Others

Experiments: From Idea to Design



Enhance your skills in developing, planning, and refining impactful experiments

Course description

Whether you are developing a protocol or refining your experimental design, this expert-led course equips you with **tools to develop, plan and refine robust experiments that generate meaningful, publishable results**. Learn from **nine experts in experimental design, including active researchers and Nature Portfolio Editors**, strategies to design impactful, reproducible studies, from developing your motivations to sharpening your hypotheses and assembling the experimental plan.

What you'll learn

- The benefits of honing your experimental design skills before embarking on full-scale experiments
- How to develop research motivations, identify assumptions and formulate hypotheses
- How to select the precise methods, tools, techniques and protocols you need to answer your research question
- How to refine and make use of your experimental design

4 Modules | 8.5-hour in-depth course with certificate | 10-30-minute lessons

- Foundations of experimental design (6 lessons, 1h 30m)
- Developing your motivation, assumptions and hypotheses (6 lessons, 2h)
- Assembling your experimental plan (7 lessons, 3h)
- Utilising your experimental design (6 lessons, 2h)

Recommended for

- **PhD students:** PhD students spend a significant portion of their time designing and conducting experiments, so mastering experimental design is essential.



Persuasive Grant Writing



Discover narrative tools and how you can use them to write convincing grant applications

Course description

Whether you are preparing your first grant application or seeking to strengthen future submissions, this expert-led course equips you with **frameworks to write informative and persuasive grant applications that resonate with your chosen funder**. Learn from **nine grant-writing experts, including active researchers, funding officers and Nature Portfolio Editors**, how to align your research question with funder objectives and use narrative tools to write clear, compelling and competitive applications.

What you'll learn

- Understand how narrative tools can improve the quality of your grant applications
- How to align your grant proposal with the requirements and objectives of your chosen funder
- How to apply narrative tools when writing your grant proposal, to make it more informative, persuasive and engaging

3 Modules | 7.5-hour in-depth course with certificate | 15-minute lessons

- Before starting your grant application (5 lessons, 2h)
- Targeting your audience (5 lessons, 2h)
- Creating a narrative (7 lessons, 3h 30m)

Recommended for

- **PhD students:** While PhD students may not apply for large grants, they often need to secure funding for conference travel, research visits, or small project grants. This course introduces them to effective grant-writing techniques that will resonate with their audience and make them more informative and persuasive.
- **Postdoctoral researchers:** As postdoctoral researchers transition towards independent research roles, the ability to write competitive grant proposals becomes critical. This course equips them with the skills to craft compelling funding applications, structure their proposals effectively, and increase their chances of securing research grants.



Finding Funding Opportunities



Explore the funding landscape to identify the best funding opportunities for you

Course description

If you feel burdened by the time needed to choose the right funding opportunity or to mentor others through the process, this expert-led course provides **strategies to find and prioritise funding opportunities that fit your needs**. Learn from **five experts in research funding, including programme directors, active researchers and Nature Portfolio Editors**, how to target funding by defining your circumstances and needs, efficiently screening and shortlisting funding calls, and prioritising promising opportunities.

What you'll learn

- The funding landscape and the benefits of searching for and prioritising the best-fitting funding opportunities
- How to analyse your funding requirements while considering your personal and professional circumstances
- Strategies to find and keep track of suitable funding opportunities
- How best to shortlist different funding opportunities
- Strategies to prioritise and select those opportunities that best fit your needs

1 Module | 3.5-hour focused course with certificate | 10-30-minute lessons

- Finding Funding Opportunities (8 lessons, 3h 30m)

Recommended for

- **Postdoctoral researchers:** Postdoctoral researchers often need to secure independent funding to support their research, whether through fellowships, grants, or project funding. This course helps them navigate the complex funding landscape, identify the best opportunities for their career stage, and develop strategies for successful applications.



Data Analysis: Planning and Preparing



Maximise the outputs of your data and avoid time-consuming mistakes

Course description

Whether you are new to writing data analysis plans or worried about the quality of your data, effective preparation is essential. This expert-led course equips you with **skills to develop a robust data analysis plan to reduce bias, ensure reliability and support reputable outcomes**. Learn from **10 experts in data analysis, including statisticians, data scientists, Nature Portfolio Editors and active researchers**, how to organise your data, choose appropriate approaches and anticipate challenges.

What you'll learn

- The importance of planning and preparing for data analysis
- The key terms and processes relating to data analysis
- The principles of creating and updating a data analysis plan

2 Modules | 4-hour focused course with certificate | 15-minute lessons

- Introduction to data analysis and the importance of planning (7 lessons, 2h)
- Preparing your data for analysis (6 lessons, 2h)

Recommended for

- **PhD students:** This course will give PhD students a strong foundation in data analysis. It introduces the essential elements of robust data analysis during a research project, emphasising the importance of planning and preparation to avoid time-consuming and costly mistakes.



Data Analysis: Conducting and Troubleshooting



Develop your data skills for more effective results

Course description

From dealing with complex datasets to troubleshooting outputs, informed decisions are crucial to generate meaningful findings. This expert-led course provides **the skills and confidence to conduct robust data analysis and build your reputation**. Learn from **10 experts in data analysis, including statisticians, data scientists, Nature Portfolio Editors and active researchers**, how to transform raw datasets into insights, troubleshoot challenges and produce results that are reliable, credible and ready for publication.

What you'll learn

- The importance of conducting effective data analysis
- The best tools for exploring various datasets
- The range of analytic methods available, and understanding which is most suited to your data
- Strategies for obtaining feedback, troubleshooting, and expressing the limitations of your analysis

3 Modules | 5-hour focused course with certificate | 15-minute lessons

- Introduction to Data Analysis (5 lessons, 1h 30m)
- Exploring Your Data and Reviewing Your Analysis Plan (5 lessons, 1h 30m)
- Analysing Your Data (6 lessons, 2h)

Recommended for

- **PhD students:** This course covers key concepts, processes, and methodologies for effective data analysis during research projects, including exploring datasets, selecting appropriate analytic methods, and troubleshooting, which are fundamental for PhD students.



Interpreting Scientific Results



Explore the best techniques for interpreting your scientific results

Course description

If you need direction to help interpret your findings or to mentor junior colleagues, this expert-led course provides **a framework for contextualising your data to communicate what it means for your research question and the wider scientific field**. Learn from **five experts in data analysis, including statisticians, data scientists, Nature Portfolio Editors and active researchers**, how to progress from raw results to confident interpretations by testing your hypothesis, seeking constructive feedback and building key messages.

What you'll learn

- Recognise and avoid the most common pitfalls when interpreting results
- Understand the steps you can take if their results are unexpected
- Address your research aims, contextualise your findings and understand how they advance their scientific field
- Communicate findings with a focus on your key message

1 Module | 3.5-hour focused course with certificate | 10-20-minute lessons

- Interpreting Scientific Results (12 lessons, 3h 30m)

Recommended for

- **PhD students:** Analysing data correctly is a key skill for PhD students, as misinterpretation of results can lead to incorrect conclusions and wasted time.
- **Postdoctoral researchers:** Being able to confidently contextualise research findings, particularly when results are unexpected, and mentor others through this process is important for postdoctoral researchers to effectively communicate their research.



Managing Research Data



Explore the foundations of effective data management

Course description

If you find it tricky to find time to write data management plans or to motivate your students to adhere to good practice, this expert-led course shares **strategies for successful data management to unlock the long-term value of your data**. Learn from **10 experts in data management, including data specialists, active researchers and Nature Portfolio Editors**, methods for storing, documenting and sharing data effectively and in line with formal policies.

What you'll learn

- Why effective data management is beneficial to your research and your career
- How to create and maintain a data management plan
- How to apply best practices for organising, storing, archiving and quality checking your data
- How to ensure that your data is understandable to yourself and others
- The pros and cons of different options for sharing your data

4 Modules | 10-hour in-depth course with certificate | 15-minute lessons

- Welcome and introduction (5 lessons, 2h)
- Creating and maintaining your data management plans (DMP) (4 lessons, 1h 30m)
- Managing data in the short and long term (8 lessons, 3h 30m)
- Sharing your data (7 lessons, 3h)

Recommended for

- **PhD students:** Good data management practices are critical for PhD students to ensure research integrity, reproducibility, and compliance with institutional policies. They will learn how to create and maintain a data management plan, and best practices for organising, storing, archiving and quality-checking their data.



Choosing the Best Journal for Your Paper



Navigate the decisions and considerations to choose the right journal for your work

Course description

Whether you are overwhelmed by the journal options available or worried about how to avoid publishing in a disreputable one, this editor-led course provides **a step-by-step process for evaluating and prioritising journals to maximise the reach and influence of your work**. Learn strategies from **12 publishing experts, including active researchers and Nature Portfolio Editors**, to assess journal fit, visibility, reputation and access options, and make evidence-based choices for your specific research.

What you'll learn

- Know why and when you should start searching for the best journals
- Choose the most appropriate type of journal based on the content of your paper
- Identify journals that reach your target audience
- Evaluate other factors when choosing your journal and how to interpret them, including journal quality, aims and scope, publishing model, cost of publication and additional services offered
- Choose which journal to submit to first
- Utilise pre-submission enquiries to check if a journal is the best fit

4 Modules | 4-hour focused course with certificate | 5–20-minute lessons

- About this course (1 lesson, 15m)
- Preparing to publish in a journal (5 lessons, 30m)
- How to choose a journal (13 lessons, 3h)
- Key takeaways and knowledge check (2 lessons, 30m)

Recommended for

- **PhD students:** Many PhD students may be publishing for the first time and will need the skills to review and select from a vast range of academic journals to ensure their research reaches the appropriate audience. In this course, they will learn how to critically analyse key criteria — including aims and scope, publishing model, journal metrics and publishing costs — in a clear step-by-step process.



Writing a Research Paper: 2nd Edition



Learn the detailed processes of writing a research paper

Course description

If you want to improve the impact of your scientific writing, this editor-led course equips you with **narrative tools and scientific writing principles to apply to your manuscripts**. Learn directly from **12 Nature Portfolio Editors and prominent researchers**, how to write informative, concise, well-structured and engaging research papers that effectively contribute to the scientific record and your career.

What you'll learn

- Understand what makes an effective research paper
- Gain insights on the preferred structure of a Nature published paper
- Leverage narrative tools and their application to scientific writing
- Master the principles of scientific writing style
- Write a research paper section by section
- Develop effective titles and abstracts
- Finalise your research paper for submission

5 Modules | 14.5-hour in-depth course with certificate | 10-50-minute lessons

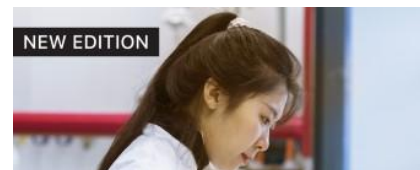
- Understanding the elements of an effective research paper (9 lessons, 2h)
- Applying narrative tools to your research paper (7 lessons, 3h)
- Using the principles of scientific writing style for your research paper (22 lessons, 2h)
- Writing your research paper section by section (32 lessons, 5h 30m)
- Finalising your research paper for submission (6 lessons, 2h)

Recommended for

- **PhD students:** PhD students must develop strong academic writing skills early in their careers, as publishing their first papers is crucial for their progression in research.
- **Postdoctoral researchers:** As postdocs move towards independent research, writing clear, compelling papers is crucial. The course provides techniques for structuring manuscripts effectively, strengthening arguments, and improving clarity.



Publishing a Research Paper: 2nd Edition



Learn how to navigate the editorial and publishing process

Course description

Whether you are new to academic publishing or want to streamline your approach, this editor-led course guides you through **how to navigate the publication process effectively to improve your chances of smooth and successful publication**. Learn from **12 publishing experts, including prominent researchers and Nature Portfolio Editors**, how to decipher editorial guidelines, prepare your paper for submission, apply peer review revisions and manage the process after acceptance or rejection.

What you'll learn

- Become familiar with journal editorial guidance and policies
- Format your paper for submission and write an engaging cover letter
- Understand the editorial and peer review process and different editorial decisions
- Learn how to revise your manuscript and respond to reviewer comments, and understand your options if your manuscript is rejected
- Be aware of self-archiving and embargo policies to ensure you share your paper appropriately

4 Modules | 6-hour in-depth course with certificate | 10-30-minute lessons

- About this course (1 lesson, 15m)
- Submitting your paper (8 lessons, 2h 30m)
- From submission to publication (9 lessons, 3h 30m)
- Key takeaways and knowledge check (1 lesson, 15m)

Recommended for

- **PhD students:** Publishing research findings is a pivotal component of doctoral studies. Understanding the intricacies of the publication process – such as journal policies, manuscript preparation, and navigating peer review – right from the start will enhance PhD students' ability to publish their research effectively.
- **Postdoctoral researchers:** While PhD students also publish, postdoctoral researchers must publish regularly and strategically to establish their reputation as independent researchers. By refining their publishing skills, postdoctoral researchers can increase their chances of securing grants, faculty positions, and collaborations, making this course an essential tool for their academic success.



Writing and Publishing a Review Paper: 2nd Edition



Prepare yourself to write a great review paper

Course description

From preparing a review paper for the first time to expanding your expertise, this editor-led course provides **frameworks for planning, structuring and publishing impactful reviews**. Learn from **seven review experts, including four Nature Portfolio Editors and renowned researchers**, how to analyse and synthesise literature with authority to develop respected reviews that shape your discipline and strengthen your standing in the field.

What you'll learn

- Build the foundations of a strong review paper by identifying the motivation, refining the audience and choosing the writing team
- Select, evaluate and synthesise primary literature efficiently
- Apply scientific writing principles to construct an engaging and informative review paper
- Identify and create effective display items that will add value
- Navigate the submission process for both solicited and unsolicited reviews

18 Modules | 4-hour focused course with certificate | 5-25-minute lessons

- About this course (15m)
- What are review papers? (16m)
- Why publish a review paper? (10m)
- What makes a great review paper? (11m)
- Editors' favourite review papers (3m)
- Build the foundation (17m)
- The outline (12m)
- Plan the written content of your review (20m)
- Select your primary literature (24m)
- Identify your display items (21m)
- Choose your journal (5m)
- Write a compelling cover letter (12m)
- Mechanics of writing a review (20m)
- Write your review (16m)
- Prepare for submission (20m)
- Publish your review (10m)
- Frequently asked questions (8m)
- Key takeaways (10m)

Recommended for

- **Postdoctoral researchers:** By publishing a review paper, postdocs can position themselves as experts and advance their careers in academia. In this course, postdoctoral researchers will learn approaches, techniques and skills important for writing a strong review paper – such as identifying, selecting and synthesising primary literature and constructing an engaging review – as well as navigating the submission process for both solicited and unsolicited reviews.



Focus on Peer Review



Explore the role of a peer reviewer and the foundations of a good peer review

Course description

If you are reviewing a manuscript for the first time or refreshing your skills, this expert-led course equips you with **the principles of constructive and ethical peer review to give you the confidence to deliver professional and trusted reports**. Learn from **13 experts in peer review, including active researchers and Nature Portfolio Editors**, how to evaluate manuscripts thoroughly, write balanced reports and uphold high ethical standards.

What you'll learn

- The importance and responsibilities of peer reviewers
- How to prepare a peer review report
- Ethics and innovations in peer review

4 Modules | 3.5-hour focused course with certificate | 10-minute lessons

- Your role as peer reviewer (10 lessons, 40m)
- The peer review report (16 lessons, 1h 10m)
- Ethics in peer review (10 lessons, 50m)
- Variations and Innovations in peer review (10 lessons, 50m)

Recommended for

- **Postdoctoral researchers:** Postdoctoral students might be invited to review others' work later in their careers. This course provides the foundations and best practices of a good peer review.



Research Integrity: Publication Ethics



Examine the ways you can handle ethical issues that can arise as you publish your research

Course description

Whether you are seeking to better understand research integrity principles or strengthen your ethical publishing practice, this expert-led course provides **tools to avoid pitfalls and embed integrity in your work to contribute responsibly to scholarly publishing**. Learn from **seven experts in publication ethics, including policy officers, ethics council members, Nature Portfolio Editors and active researchers**, how to apply editorial policies, maintain and report data with integrity, and avoid common ethical issues and disputes.

What you'll learn

- How to select a reputable journal and locate editorial policies and ethical guidance
- Maintain image and data integrity and availability
- Reuse material with appropriate permissions
- Properly cite your own work and that of others
- Avoid common authorship disputes
- Make relevant declarations about your research and publication, including conflicts of interest
- Appropriately navigate revisions
- Address post-publication issues

3 Modules | 8-hour course with certificate | 10-40-minute lessons

- Preparing to publish with integrity (5 lessons, 1h 30m)
- Publication ethics during manuscript preparation (11 lessons, 4h 45m)
- Publication ethics after submission (5 lessons, 1h 45m)

Recommended for

- **PhD students:** This course is essential for researchers at all career stages because ethical publishing practices are fundamental to maintaining integrity in academia. Many PhD students are publishing for the first time and may be unfamiliar with ethical guidelines. In this course, they will learn about issues such as proper authorship credit, avoiding plagiarism, and handling data responsibly to avoid common mistakes.
- **Postdoctoral researchers:** This course is essential for researchers at all career stages because ethical publishing practices are fundamental to maintaining integrity in academia. Postdoctoral researchers are often more involved in mentoring junior researchers, leading projects, and submitting multiple publications, making ethical considerations even more critical. As they move towards independent research, maintaining a strong ethical foundation is essential for securing funding and long-term academic success.

Design
ResearchSecure
FundingExperiment and
AnalyseWrite and
PublishShare and
DisseminateDevelop your
CareerWork with
Others

Advancing Your Scientific Presentations



Communicate your results in an engaging and memorable way

Course description

If you are preparing your first seminar or addressing conference audiences, this expert-led course provides **techniques to engage audiences and communicate clearly**. Learn from **10 experts in presenting, including designers, trainers, Nature Portfolio Editors and active researchers**, how to craft compelling stories, design impactful slides and deliver with confidence to present research that resonates with peers, engages wider audiences and enhances your reputation.

What you'll learn

- To identify techniques that can help to overcome the challenges that researchers commonly face when creating and delivering oral presentations
- To build compelling research stories to use as the foundation for your presentations
- To create professional slide decks that effectively communicate your research findings to your audience
- To apply strategies to help you deliver your presentation effectively on the day, in both virtual and face-to-face environments

4 Modules | 10-hour in-depth course with certificate | 15-minute lessons

- Overcoming your research presentation challenges (5 lessons, 2h)
- Developing the story behind your talk (7 lessons, 2h 30m)
- Building an engaging slide deck (7 lessons, 2h 30m)
- Preparing and navigating your talk (7 lessons, 3h)

Recommended for

- **Postdoctoral researchers:** Postdoctoral researchers frequently present at seminars and conferences, so learning how to develop their research story, build a slide deck, and prepare and deliver their presentation effectively are key elements to their success.



Creating Successful Research Posters



Create engaging and attractive posters to boost your chances of success

Course description

If you are preparing a research poster or seeking to spark conversation, this expert-led course equips you with **the tools to design and deliver engaging posters**. Learn from **five experts in science communication and poster design, including Nature Portfolio Editors and active researchers**, how to plan posters that effectively communicate your research, refine drafts into polished posters, create visually appealing handouts and prepare talking points. These skills will help you to attract collaborations and build confidence in presenting your work.

What you'll learn

- Set communication goals for your poster presentations
- Identify your audience and select your key message and supporting material
- Select the visual elements and supporting text for your poster
- Design a poster that will communicate your key message effectively
- Use your poster to spark great conversations about your research

1 Module | 4.5-hour focused course with certificate | 10-35-minute lessons

- Creating Successful Research Posters (11 lessons, 4h 30m)

Recommended for

- **PhD students:** Posters are often a PhD student's first opportunity to showcase their work at conferences, and a well-designed poster can increase visibility and networking opportunities.

Design
ResearchSecure
FundingExperiment and
AnalyseWrite and
PublishShare and
DisseminateDevelop your
CareerWork with
Others

Effective Science Communication



Learn to communicate your findings in an engaging and impactful way

Course description

Whether you want your research to reach a people outside your field or inform decision-making, this expert-led course provides **techniques to communicate your research to a variety of different audiences**. Learn from **eight experts in science communication, including press officers, active researchers and Nature Portfolio Editors**, how to define goals, tailor content and select effective channels to share your research depending on audience role and expertise. These strategies will ultimately help increase the influence of your research.

What you'll learn

- Compare different audience requirements to help you tailor your communications
- Select a relevant communication channel for your specific needs in a particular instance
- Understand how storytelling techniques can build a compelling scientific story to communicate your research
- Apply strategies to help you communicate your research in an accessible and persuasive way to a non-scientific audience
- Tips and techniques for communicating your research via writing, public talks and presentations, social media and media interviews

1 Module | 6.5-hour in-depth course with certificate | 10-30-minute lessons

- Effective Science Communication (13 lessons, 6h 30m)

Recommended for

- **Postdoctoral researchers:** Learning to explain research in an engaging way is essential for early-career researchers, especially for postdoctoral researchers who might need to share findings with both academic and non-academic audiences.

Design
ResearchSecure
FundingExperiment and
AnalyseWrite and
PublishShare and
DisseminateDevelop your
CareerWork with
Others

Maximising the Impact of your Paper



Effectively promote your paper and measure and track its impact

Course description

Whether you are seeking to promote your publication or managing an established portfolio, this expert-led course equips you with **strategies to extend the reach and influence of your research**. Learn from **eight experts in research promotion and impact measurement, including Nature Portfolio Editors and active researchers**, how to share work actively, track reception and amplify visibility to transition from publication to purposeful promotion that strengthens long-term research value.

What you'll learn

- Appreciate why it's important to promote your paper
- Understand what research impact means
- Learn how to publicise your paper
- Be aware of strategies for measuring research impact
- Understand how to track your paper's reach using article-level metrics

9 Modules | 1.5-hour short course with certificate | 5-15-minute lessons

- About this course (3m)
- Welcome to this course (5m)
- What is research impact? (10m)
- How to promote your paper (12m)
- Engage with the media (10m)
- Measure your paper's reach and impact (13m)
- Article-level metrics (15m)
- Frequently asked questions (12m)
- Key takeaways and knowledge check (8m)

Recommended for

- **Postdoctoral researchers:** At the postdoctoral stage, researchers need to go beyond simply publishing; they must actively promote and track the impact of their work in order to increase citations, collaborations and funding opportunities.



Narrative Tools for Researchers



Examine the best ways you can share your research story persuasively with your peers

Course description

If you are exploring storytelling techniques for the first time or seeking to refine your research communication for different audiences, this expert-led course helps you **apply narrative strategies to enhance peer-to-peer communication**. Learn from **10 experts in scientific communication, including active researchers, journalists and Nature Portfolio Editors**, techniques for crafting engaging narratives. These skills will help ensure your research resonates with the scientific community by making ideas accessible, compelling and memorable.

What you'll learn

- The benefits of using narrative tools to communicate your research more effectively to scientific peers and stakeholders
- How to create and combine narrative elements to build a compelling scientific story
- How to refine your research story depending on the audience and format for your communication

3 Modules | 8.5-hour in-depth course with certificate | 15-minute lessons

- Why use a story? (6 lessons, 2h)
- Building your story (8 lessons, 4h)
- Refining your story (7 lessons, 2h 30m)

Recommended for

- **Postdoctoral researchers:** Postdocs need to develop storytelling techniques to make their research papers, presentations and proposals more engaging, compelling and memorable.



Building a Strong Online Researcher Profile



Learn to create a researcher profile that will elevate your online visibility

Course description

Whether you are creating an online profile from scratch or seeking to boost its visibility, this expert-led course equips you with **the skills to create standout digital profiles**. Learn from **five international experts, including recruiters, journalists, Nature Portfolio Editors and active researchers**, how to choose the right platforms, craft effective biographies and select impactful keywords. These techniques will help you to use your digital profiles to improve your discoverability, foster collaborations and support your career growth.

What you'll learn

- Understand the importance of having a strong online researcher profile
- Be familiar with the requirements of professionals who may look at your profile
- Strategically choose the right platforms for your researcher profile
- Generate great bios with the right keywords for your expertise
- Boost the visibility of your work and experience.

6 Modules | 1-hour short course with certificate | 10-15-minute lessons

- About this course (15m)
- What is an online researcher profile? (10m)
- Who might be searching for you online? (10m)
- Where can you build your online researcher profile? (15m)
- Which websites or platforms should you case? (15m)
- How can you make your researcher profile(s) stand out? (10m)

Recommended for

- **PhD students:** PhD students are just beginning to establish their professional identity, and this course helps them build visibility in the research community early in their careers.



Getting an Academic Research Position



Prepare yourself to take your next career step, into either a postdoc or faculty role

Course description

Whether you are applying for your first postdoctoral role or progressing to a faculty position, this expert-led course equips you with **strategies for success at every stage of the application process**. Learn from **11 experts in academic careers, including active researchers, careers specialists and Nature Portfolio Editors**, how to find opportunities, tailor applications and perform effectively in interviews to secure positions that align with your skills and ambitions.

What you'll learn

- How to find potential career opportunities that align with your personal attributes, desires and goals
- How to apply for positions in a way that will highlight your strongest attributes and most relevant qualities
- How to present yourself authentically and effectively during all stages of the interview process, giving you the best possible chance of success
- How to assess whether a job you are offered is suitable and choose between competing job offers

4 Modules | 9.5-hour in-depth course with certificate | 10-30-minute lessons

- Exploring your values, interests, skills and career goals (9 lessons, 2h 30m)
- Finding a research position (6 lessons, 2h)
- Applying for a research position (9 lessons, 2h 30m)
- Excelling at the interview (8 lessons, 2h 30m)

Recommended for

- **PhD students:** PhD students must plan their next career step. If they are applying for a postdoctoral position, this course will provide essential guidance on how to find career opportunities that align with their interests, skills and goals; tailor job applications and prepare for interviews; and make informed decisions when choosing between multiple opportunities.
- **Postdoctoral researchers:** Postdoctoral researchers must plan their next career step. If they are applying for a faculty position, this course will provide essential guidance on how to find career opportunities that align with their interests, skills and goals; tailor job applications and prepare for interviews; and make informed decisions when choosing between multiple opportunities.



Networking for Researchers



Create and nurture professional relationships for mutual benefit

Course description

From building your professional connections to mentoring others through the process, this expert-led course equips you with **strategies to network effectively both in person and online**. Learn from **10 experts in networking, including active researchers, fellows and Nature Portfolio Editors**, how to initiate, strengthen and sustain meaningful relationships to create collaborations, open doors to new projects and strengthen your career trajectory.

What you'll learn

- The theory behind and the importance of networking, and how to use your research and career goals to guide you to find appropriate networking opportunities
- How to research and prepare key resources to help you build an effective network
- Strategies to approach and connect with potential contacts, and how to follow up – both in person and online
- Strategies for nurturing your networking contacts, and how to leverage them to advance your research and career

4 Modules | 8-hour in-depth course with certificate | 15-minute lessons

- Why network? (5 lessons, 2h)
- Getting ready to work (6 lessons, 2h)
- Connect with new networking contacts (7 lessons, 2h 30m)
- Nurturing and harnessing the power of your network (5 lessons, 1h 30m)

Recommended for

- **Postdoctoral researchers:** Building a professional network is crucial for career advancement, and postdocs should learn to build and maintain connections, both online and in person, from an early stage in their careers.



Introduction to Collaboration



Gain an insight into research collaboration and its benefits

Course description

If you are joining a collaborative project for the first time or seeking to improve teamwork, this expert-led course provides **insights for building strong and productive research partnerships**. Learn from **14 experts in collaboration, including active researchers, funders and Nature Portfolio Editors**, how to navigate challenges, share credit and apply best practices to progress from working independently to contributing confidently within successful research teams.

What you'll learn

- Why collaborative research is becoming more prevalent
- The pros and cons of collaborating
- The specifics of collaborating with industry
- How collaborative projects can help advance your research and career

1 Module | 2.5-hour focused course with certificate | 15-minute lessons

- Introduction to collaboration (8 lessons, 2h 30m)

Recommended for

- **PhD students:** Many PhD students work in teams or on international projects, and learning how to collaborate effectively can enhance research outcomes.



Participating in a Collaboration



Build your skills to make a more meaningful contribution to your collaborative projects

Course description

Whether you are seeking to contribute meaningfully to group projects or refine your teamwork skills, this expert-led course provides you with **the skills to be a valuable part of a research collaboration**. Learn from **16 experts in collaboration, including active researchers, funders and Nature Portfolio Editors**, how to communicate clearly, align objectives and build trust to move from independent work to contributing effectively within collaborative research teams.

What you'll learn

- Strategies for working in a new research team
- Key collaborative skills such as dividing tasks, managing your time, and communicating efficiently
- Tools to help you collaborate
- How to plan to maximise the skills, ideas and contacts you'll gain from collaborating
- How to overcome possible roadblocks when participating in collaborative projects

1 Module | 5-hour focused course with certificate | 15-minute lessons

- Participating in a collaboration (8 lessons, 5h)

Recommended for

- **Postdoctoral researchers:** As early-career researchers, postdocs often participate in collaborative projects led by more senior researchers. Understanding their role and how to become an effective and valuable member of the team is key.



Leading a Collaboration



Prepare yourself for all aspects of leading on a collaborative project

Course description

From initiating your own research collaboration to maximising outputs, this expert-led course provides **tools to manage research projects from initiation to completion**. Learn from **16 experts in collaboration, including active researchers, funders and Nature Portfolio Editors**, how to coordinate teams, clarify objectives, manage conflict and deliver results. By the end of this course, you will be able to transition from contributor to confident leader of impactful collaborations.

What you'll learn

- Identify and approach potential collaborators with the right skills and expertise
- Effective leadership behaviours to drive a successful project
- Set up collaboration agreements, codes of conduct, and project management plans
- Seek and apply for funding for your project
- Keep collaborators motivated, monitor progress, and address delays
- Manage challenges including conflict between collaborators, stress, ethical misconduct, administering shared funds and resources, and going over-budget
- Maximise the outputs, value and impact of your collaboration
- Publishing collaborative papers
- How to wrap-up a collaborative project that has reached its goals, or end a project early if required

3 Modules | 11.5-hour in-depth course with certificate | 15-minute lessons

- Initiating and leading a collaboration (10 lessons, 5h)
- Running and troubleshooting a collaboration (6 lessons, 2h 30m)
- Outputs and next steps (13 lessons, 4h)

Recommended for

- **Postdoctoral researchers:** Postdoctoral researchers might go on to take leadership roles in collaborations, supervising junior researchers or managing multi-institution projects. This course will equip them to set up, lead, manage and close down their own collaborative research project.