

Nature Masterclasses On-Demand

Getting Started Guide (Email address access)

April 2026
Springer Nature

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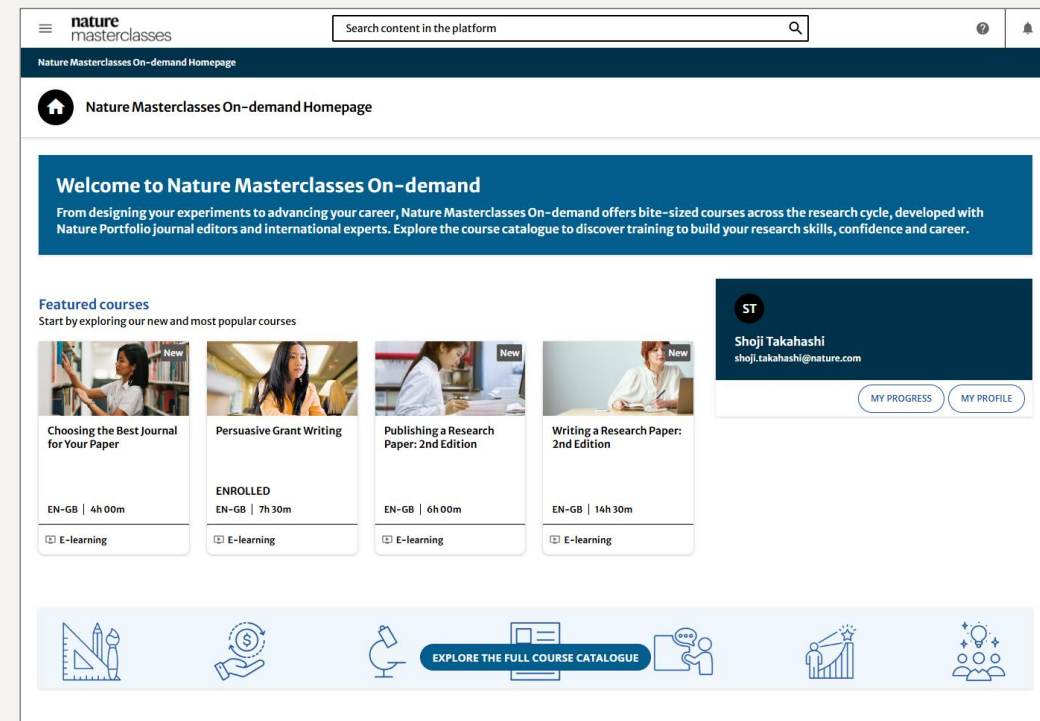


1. What is Nature Masterclasses On-demand?

What is Nature Masterclasses On-demand?

Nature Masterclasses On-demand is an online training program for researchers, aimed at improving research skills and supporting career development.

- All faculty and students at the subscribing institution have access to the platform.
- Remote access is available.



What is Nature Masterclasses On-demand?

Nature Masterclasses On-demand is designed and developed specifically for researchers.



Best-in-class expert training

High-quality content developed with **Nature Portfolio journal Editors** and prominent **international experts** from academia and industry



Flexible design

Self-paced, **bite-sized modules** that fit into busy researcher schedules



Practical learning

Skills, techniques and strategies delivered via **interactive content**, **engaging videos** and **practical examples**



Tailored topics

Designed and developed using a **data-driven approach** to **fulfil key challenges** faced by researchers

What is Nature Masterclasses On-demand?

Over 100 experts have participated in our on-demand courses since 2015. Here are some of them:



Magdalena Skipper
Editor in Chief,
Nature



Kizzmekia S. Corbett-Helaire
Assistant Professor,
Harvard T.H Chan
School of Medicine



Davide Esposito
Chief Editor, *Nature*
Catalysis



Bhramar Mukherjee
Senior Associate
Dean of Public Health
Data, Yale School of
Public Health



Nick Enfield
Professor of
Linguistics, University
of Sydney



Alok Jha
Science and
Technology Editor, *The*
Economist

1. What is Nature Masterclasses On-demand?

Available courses



Available courses

Number of modules and learning time

24 courses
100+ modules
160+ hours of learning
40+ hours of expert videos

	Course	Number of modules	Learning time
Design Research	Experiments: From Idea to Design	4	8.5
Secure Funding	Persuasive Grant Writing	3	7.5
	Finding Funding Opportunities	1	3.5
Experiment and Analyse	Data Analysis: Planning and Preparing	2	4.0
	Data Analysis: Conducting and Troubleshooting	3	5.0
	Interpreting Scientific Results	1	3.5
	Managing Research Data	4	10.0
Write and Publish	Choosing the Best Journal for Your Paper	4	4.0
	Writing a Research Paper: 2nd Edition	5	14.5
	Publishing a Research Paper: 2nd Edition	4	6.0
	Writing and Publishing a Review Paper: 2nd Edition	18	4.0
	Focus on Peer Review	4	3.5
	Research Integrity: Publication Ethics	3	8.0
Share and Disseminate	Advancing Your Scientific Presentations	4	10.0
	Creating Successful Research Posters	1	4.5
	Effective Science Communication	1	6.5
	Maximising the Impact of your Paper	9	1.5
	Narrative Tools for Researchers	3	8.5
Develop your Career	Building a Strong Online Researcher Profile	6	1.0
	Getting an Academic Research Position	4	9.5
Work with Others	Networking for Researchers	4	8.0
	Introduction to Collaboration	1	2.5
	Participating in a Collaboration	1	5.0
	Leading a Collaboration	3	11.5

Available courses

Recommended courses
by career stage

	Courses recommended for PhD students	Courses recommended for Postdoc 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 Edition Publishing a Research Paper: 2nd Edition Research Integrity: Publication Ethics	Writing a Research Paper: 2nd Edition Publishing a Research Paper: 2nd Edition Writing and Publishing a Review Paper: 2nd Edition 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

2. User Registration and Login

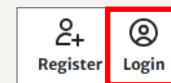
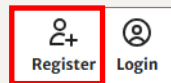
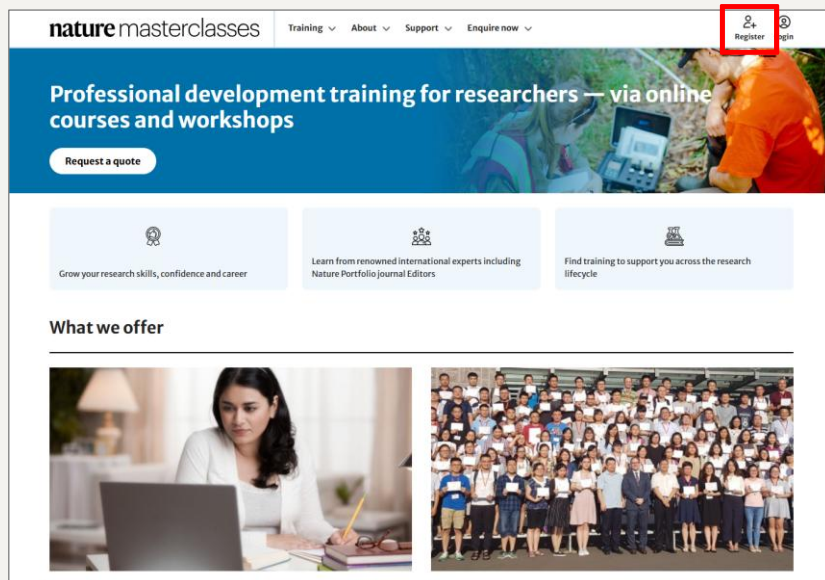
User Registration and Login

When you access Nature Masterclasses On-demand for the first time, you need to register.

Make sure you register with your institutional email address.

Visit the Nature Masterclasses homepage and click **Register** at the top right.

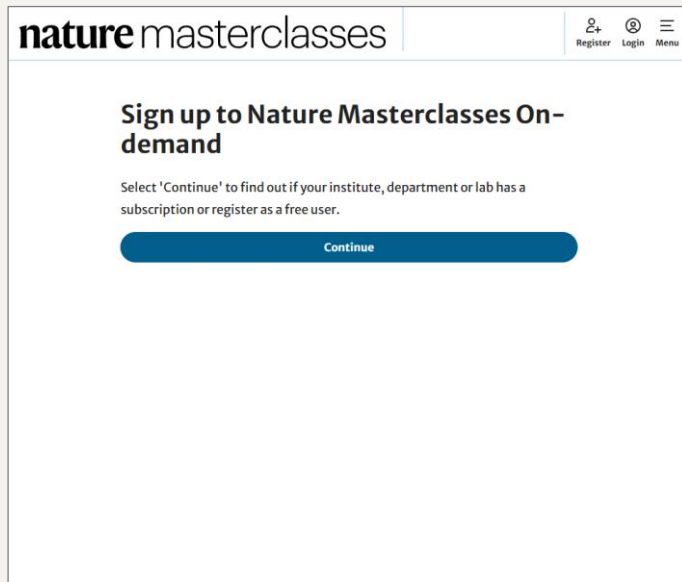
<https://www.nature.com/masterclasses>



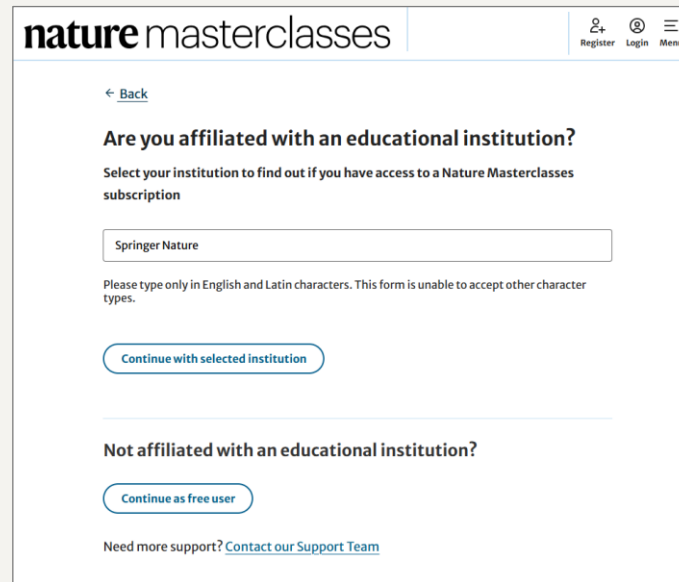
From the next time, click **Login** at the top right and log in with your Springer Nature account.

Step 1. Select your institution and note access method

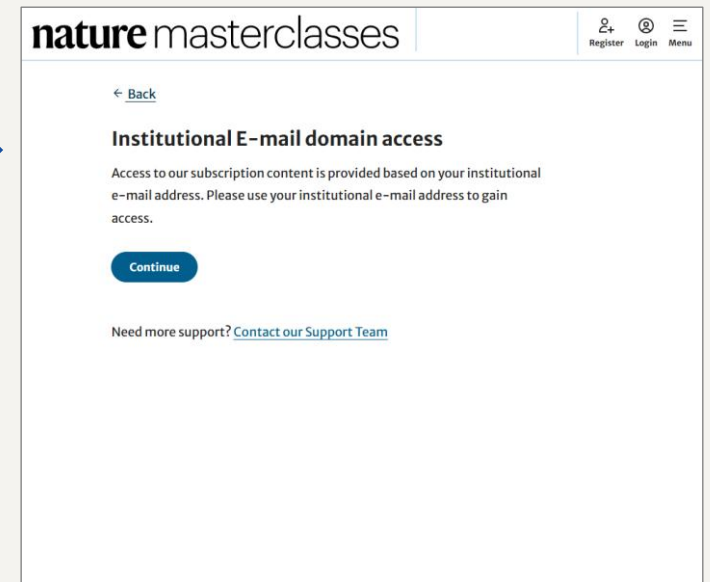
Find and select your institution and confirm that your access method is email domain access.



Select **Continue**.



Find and select your institution and click **Continue with selected institution**.



Confirm that your institution's access method is email domain access.

Step 2. Register your Springer Nature account

Nature Masterclasses On-demand uses Springer Nature's unified login system (Springer Nature account).

SPRINGER NATURE Enter the email address you would like to register and select **Continue**.

Log in, or register a new account to continue

Email address
shoji.takahashi@nature.com

Continue →

OR

Continue with Google →

Continue with ORCID →

If you already have a Springer Nature account, please login.

If you do not have a Springer Nature account yet, register your account.

SPRINGER NATURE Enter your details to set up your Springer Nature account.

Create account

Registering as shoji.takahashi@nature.com

Given names
Shoji

Family name
Takahashi

Password
(12 or more characters)
..... show

Repeat password
..... show

☒ I agree to the [Springer Nature terms of use](#)

☐ I want to receive marketing emails about Springer Nature products and services, and my email can be used for digital advertising through third-party platforms

Register →

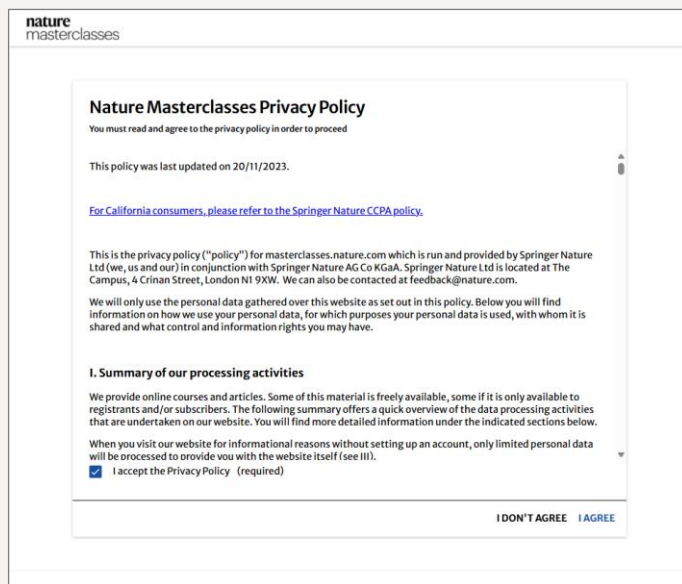
Read the Springer Nature terms of use and tick that you accept.

Select **Register**.

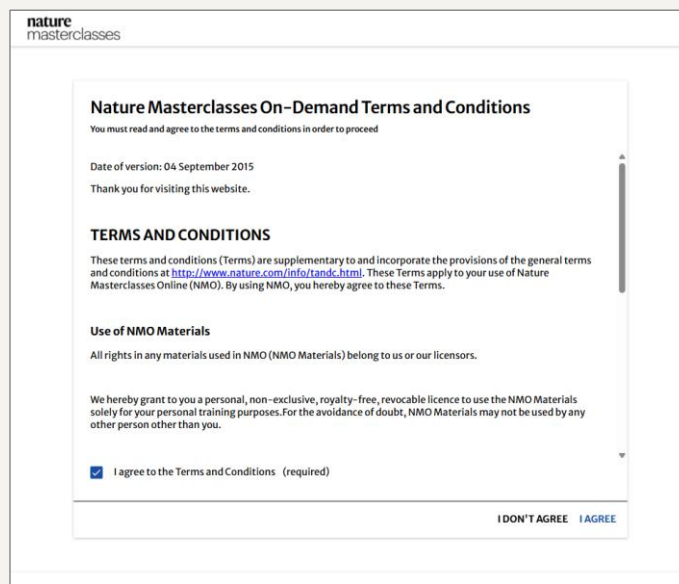
Check your email inbox for a Springer Nature account email verification and follow the instructions.

Step 3. Update your Nature Masterclasses profile

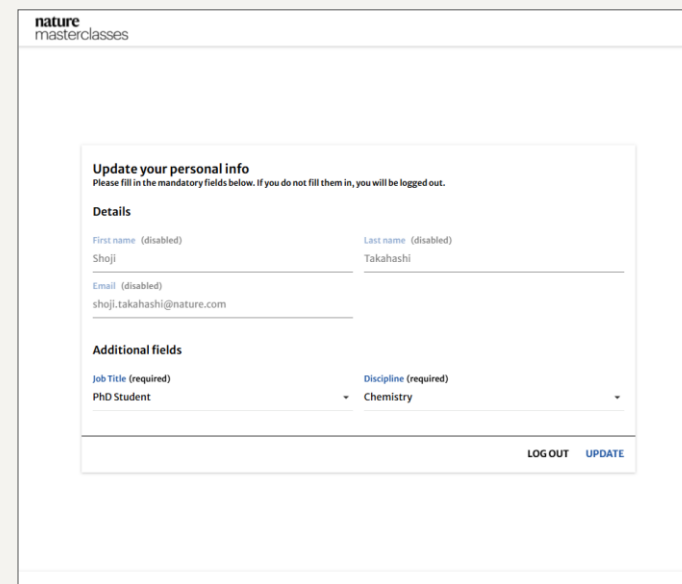
After you have read and agreed to our Privacy Policy and our Terms and Conditions, you will be asked to update your Nature Masterclasses profile with additional information.



Agree to our Privacy Policy.



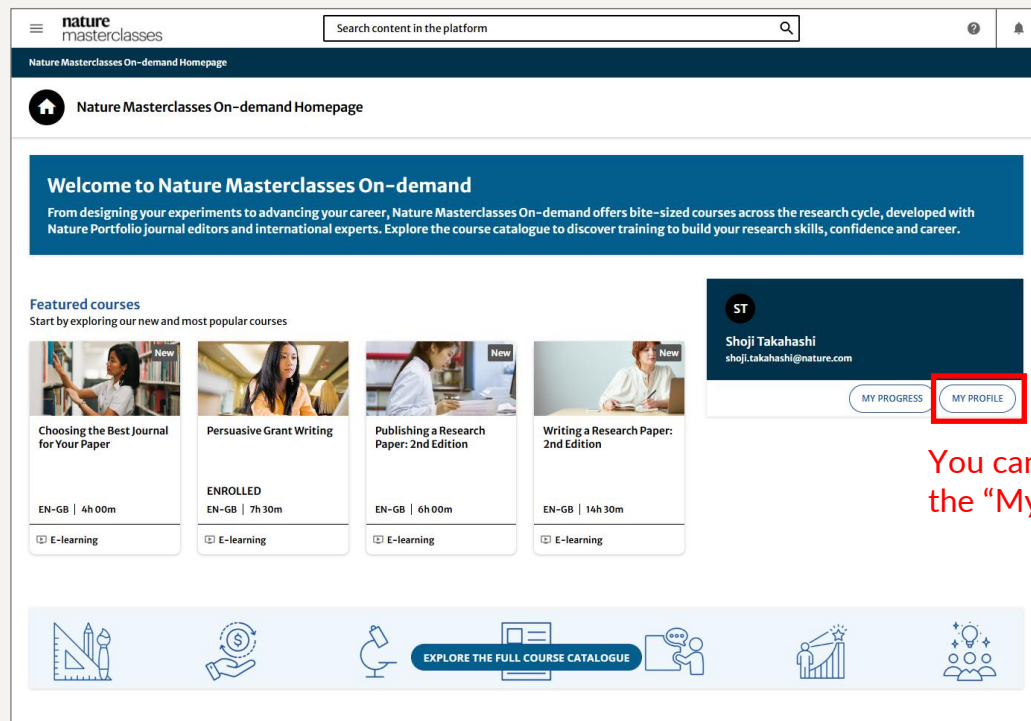
Agree to our Terms and Conditions.



Select your Job Title and Discipline.

Nature Masterclasses On-demand homepage

You will be directed to the homepage of our learning platform where you are now automatically logged in. You are now ready to explore courses and start learning.

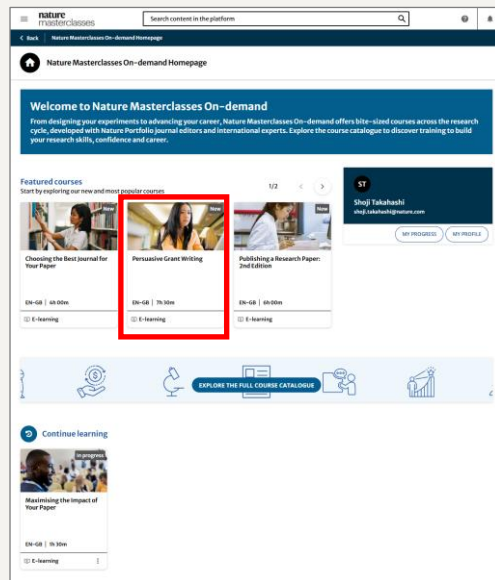


You can view and edit your profile on the “My profile” page.

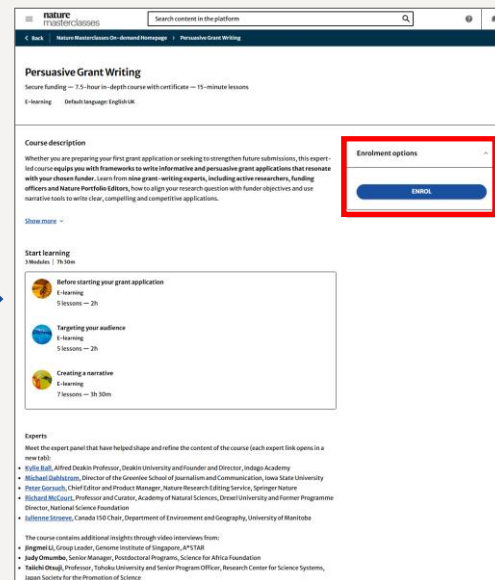
3. How to Navigate the Platform

Nature Masterclasses On-demand workflow

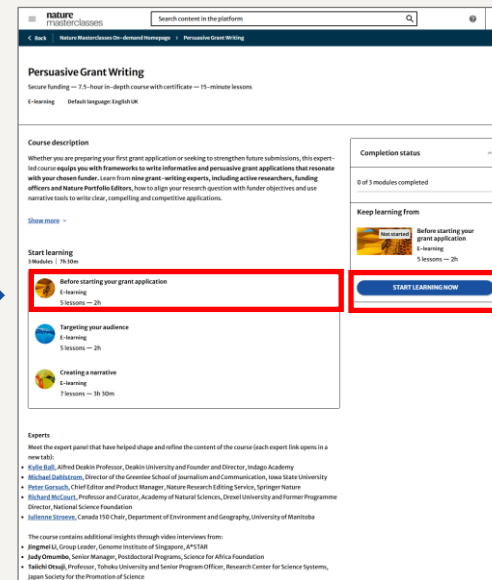
The workflow consists of four steps: selecting a course, enrolling in the course, starting a module in the course, and learning lessons in the module.



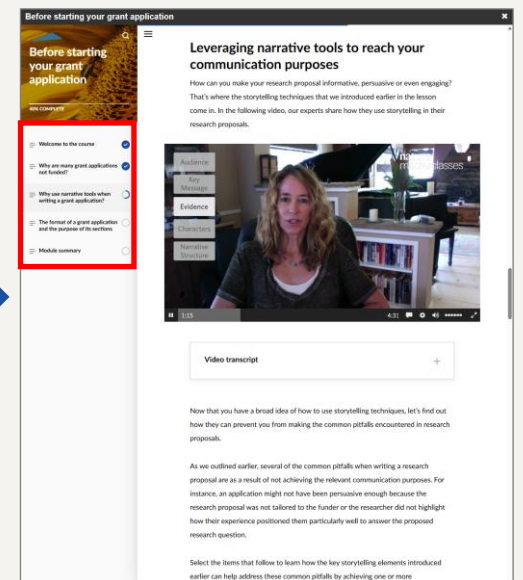
Select a course from the homepage or course catalogue page.



Enroll in the course on the course homepage.



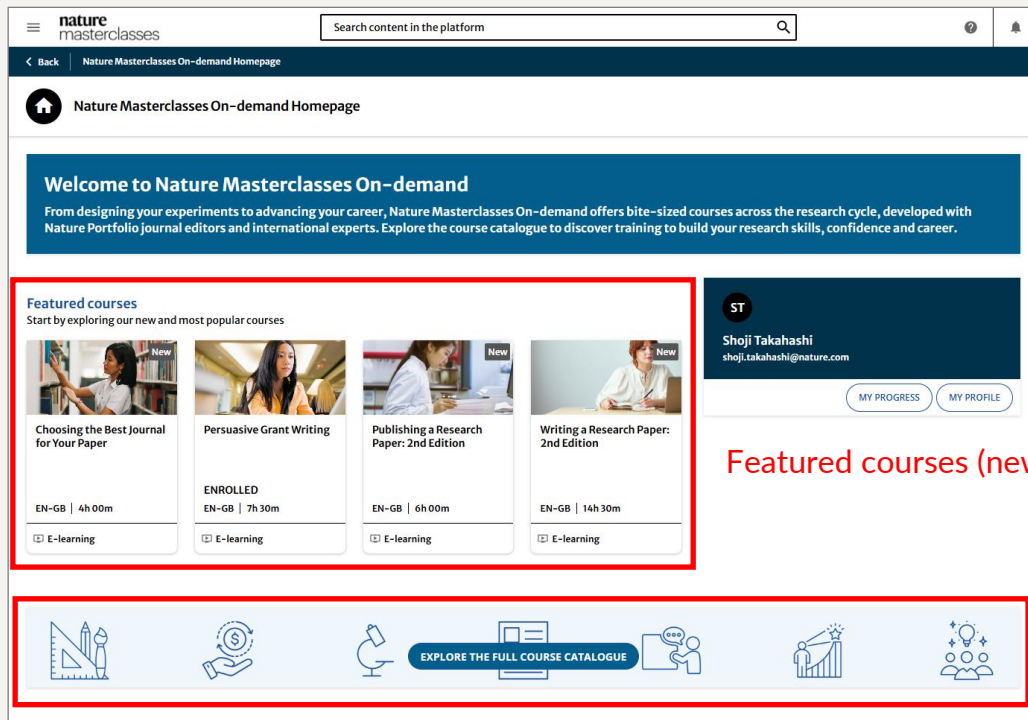
Start a module in the course homepage.



Learn lessons in the module.

Nature Masterclasses On-demand homepage

You can choose a course from “Featured courses” or explore the full course catalogue.

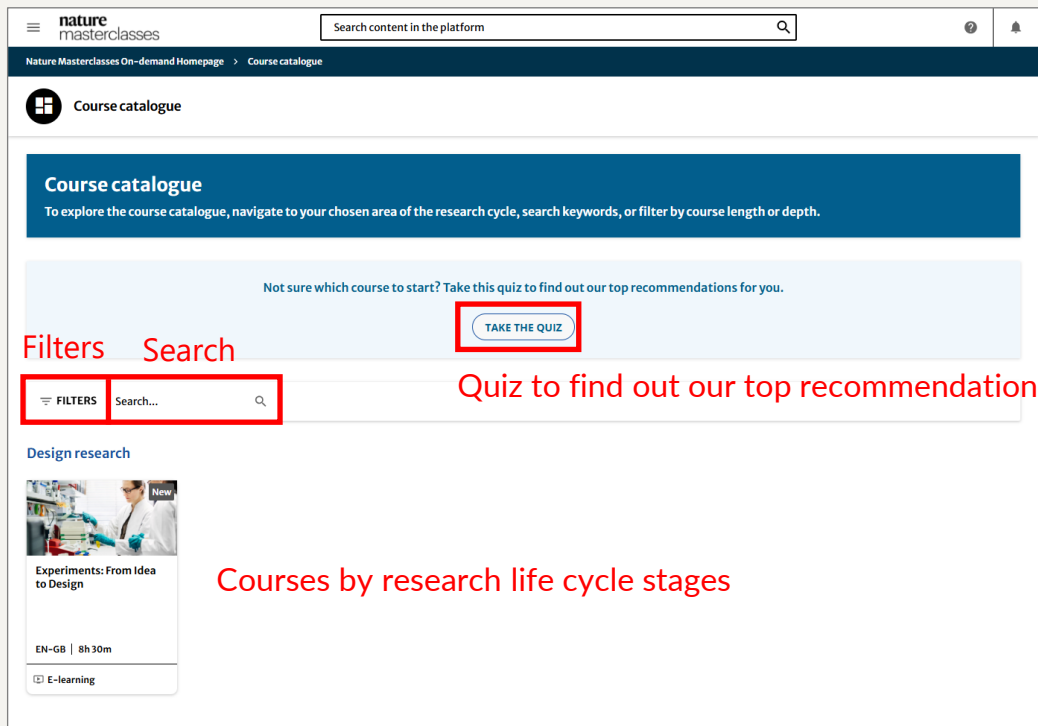


Featured courses (new and most popular courses)

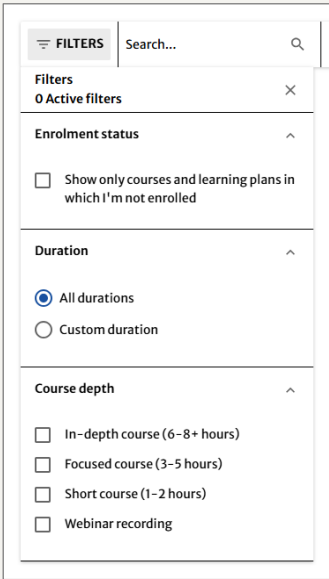
Course catalogue → next page

Course catalogue

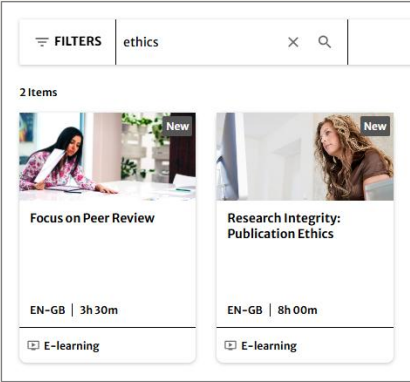
The course catalogue includes the full suite of Nature Masterclasses On-demand courses, sorted into research life cycle stages. The new catalogue is filterable and searchable.



Filter by enrollment status, duration, and course depth



Search by a keyword (e.g. "ethics")



Courses by research life cycle stages

Course homepage – overview

The course homepage provides an overview that includes the course description, learning objectives, duration and content, information about experts and interviewees, and related courses.

nature masterclasses

Search content in the platform

< Back

Nature Masterclasses On-demand Homepage >

Persuasive Grant Writing

Persuasive Grant Writing

Secure funding — 7.5-hour in-depth course with certificate — 15-minute lessons

E-learning Default language: English UK

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.

[Show less](#)

Start learning

3 Modules | 7h 30m

Before starting your grant application

E-learning

5 lessons — 2h

Targeting your audience

E-learning

5 lessons — 2h

Enrolment options

ENROL

nature masterclasses

Search content in the platform

< Back

Nature Masterclasses On-demand Homepage >

Persuasive Grant Writing

Experts

Meet the expert panel that have helped shape and refine the content of the course (each expert link opens in a new tab):

- [Kylie Ball](#), Alfred Deakin Professor, Deakin University and Founder and Director, Indago Academy
- [Michael Dahlstrom](#), Director of the Greenlee School of Journalism and Communication, Iowa State University
- [Peter Gorsuch](#), Chief Editor and Product Manager, Nature Research Editing Service, Springer Nature
- [Richard McCourt](#), Professor and Curator, Academy of Natural Sciences, Drexel University and Former Programme Director, National Science Foundation
- [Julienne Stroeve](#), Canada 150 Chair, Department of Environment and Geography, University of Manitoba

The course contains additional insights through video interviews from:

- [Jingmei Li](#), Group Leader, Genome Institute of Singapore, A*STAR
- [Judy Omumbo](#), Senior Manager, Postdoctoral Programs, Science for Africa Foundation
- [Tatichi Otsuji](#), Professor, Tohoku University and Senior Program Officer, Research Center for Science Systems, Japan Society for the Promotion of Science
- [Qilei Song](#), Senior Lecturer, Chemical Engineering, Imperial College London

Discover related courses

Finding Funding Opportunities

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

Narrative Tools for Researchers

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

Image credits

Fuse/damircudic/SolStock

Course depth

In-depth course (6-8+ hours)

Enrolment options

ENROL

20

Course homepage – enroll and start learning

To start the course, you need to enroll in the course first.
After enrollment, select “START LEARNING NOW” or a module to start learning.

The screenshot shows the course homepage for 'Persuasive Grant Writing'. The header includes the 'nature masterclasses' logo, a search bar, and navigation links. The course title 'Persuasive Grant Writing' is prominently displayed, followed by a subtitle 'Secure funding — 7.5-hour in-depth course with certificate — 15-minute lessons' and 'E-learning Default language: English UK'. The 'Course description' section explains the course's purpose. Below this, the 'What you'll learn' section lists three bullet points. The 'Start learning' section shows a list of modules: 'Before starting your grant application' (5 lessons — 2h) and 'Targeting your audience' (5 lessons — 2h). A red box highlights the 'Enrolment options' section, which contains a blue 'ENROL' button. A red arrow points from this button to the text 'Enroll in the course'.

Persuasive Grant Writing
Secure funding — 7.5-hour in-depth course with certificate — 15-minute lessons
E-learning Default language: English UK

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.

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- 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.

[Show less](#)

Start learning
3 Modules | 7h 30m

- Before starting your grant application**
E-learning
5 lessons — 2h
- Targeting your audience**
E-learning
5 lessons — 2h

Enrolment options
ENROL

Enroll in the course



The screenshot shows the course homepage after enrollment. The layout is similar to the previous one, but the 'Enrolment options' section is no longer present. Instead, the 'Start learning' section is expanded, showing a list of modules: 'Before starting your grant application' (5 lessons — 2h), 'Targeting your audience' (5 lessons — 2h), and 'Creating a narrative' (7 lessons — 3h 30m). A red box highlights the 'Before starting your grant application' module. Another red box highlights the 'START LEARNING NOW' button in the 'Completion status' section. A red arrow points from the highlighted module to the text 'Start learning'.

Persuasive Grant Writing
Secure funding — 7.5-hour in-depth course with certificate — 15-minute lessons
E-learning Default language: English UK

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.

[Show more](#)

Start learning
3 Modules | 7h 30m

- Before starting your grant application**
E-learning
5 lessons — 2h
- Targeting your audience**
E-learning
5 lessons — 2h
- Creating a narrative**
E-learning
7 lessons — 3h 30m

Completion status
0 of 3 modules completed

Keep learning from

- Before starting your grant application**
E-learning
5 lessons — 2h

START LEARNING NOW

Start learning

Start a module and learn lessons

A module consists of bite-sized multiple lessons.
Each lesson contains a mixture of texts, videos, quizzes, and other activities.

Click X to return to the course homepage

Before starting your grant application

Before starting your grant application

60% COMPLETE

≡

Welcome to the course

✓

≡

Why are many grant applications not funded?

✓

≡

Why use narrative tools when writing a grant application?

✓

≡

The format of a grant application and the purpose of its sections

○

≡

Module summary

○

The main parts of grant applications and their common sections

Grant applications are usually divided into a research proposal part (describing the work you plan to do) and an administrative part (describing the practical details such as the budget or the team). Each of these parts can further contain several different sections. While each funder will have its own requirements as to how you submit your proposal, they will all want to know more about the research itself and the practical and administrative details.

RESEARCH

Summary

Introduction

Objectives

Methodology

Impact



ADMINISTRATIVE

Work plan

Dissemination

Budget

Participants

Ethics

...

As illustrated in the preceding graphic, the summary, introduction, objectives, methodology and impact statement together form the 'research proposal part' that covers the research details and the impact of your project. The 'administrative part' will include sections that cover the budget, project management, team composition and statements detailing the dissemination or ethics of the work.

Progress indicators

Before starting your grant application

Before starting your grant application

60% COMPLETE

≡

Welcome to the course

✓

≡

Why are many grant applications not funded?

✓

≡

Why use narrative tools when writing a grant application?

✓

≡

The format of a grant application and the purpose of its sections

○

≡

Module summary

○

Question 1 (of 4).

Instructions from the Swiss National Science Foundation⁶

?

"Current state of research in the field:

Describe your project in the context of the current state of knowledge in your field. Make reference to the most important publications, particularly by other authors."

When completing this introductory section of your research proposal, your writing will need to be:

☐ Mostly informative

☐ Mostly persuasive

☐ A mix of both

Submit

As you discovered in the previous activity, you'll often use a mix of both informative and persuasive communication, although certain sections might veer more towards one of these purposes. But you can also be engaging in certain parts of your grant proposal, to grab the reader's attention.

Let's consider one more grant submission instruction. Choose an answer to the question in the section that follows, then select 'Submit' for feedback.

Quiz to check your understanding

Captions and transcripts on videos

All our course videos have English closed captions and transcripts.

Before starting your grant application

Before starting your grant application

40% COMPLETE

Welcome to the course

Why are many grant applications not funded?

Why use narrative tools when writing a grant application?

The format of a grant application and the purpose of its sections

Module summary

the narrative tools help guide you into what to include

English

Off

English captions

Video transcript

Now that you have a broad idea of how to use storytelling techniques, let's find out how they can prevent you from making the common pitfalls encountered in research proposals.

As we outlined earlier, several of the common pitfalls when writing a research proposal are as a result of not achieving the relevant communication purposes. For instance, an application might not have been persuasive enough because the research proposal was not tailored to the funder or the researcher did not highlight how their experience positioned them particularly well to answer the proposed research question.

Before starting your grant application

Before starting your grant application

40% COMPLETE

Welcome to the course

Why are many grant applications not funded?

Why use narrative tools when writing a grant application?

The format of a grant application and the purpose of its sections

Module summary

Audience

Key Message

Evidence

Characters

Narrative Structure

English transcripts

Video transcript

Which storytelling elements do you usually use when writing research proposals?

Qilei Song, Senior Lecturer, Imperial College London

When I write research proposals, I consider the audience as the first priority elements. And you need to understand the funder's objectives. For different funding agencies, they're looking for different proposals.

Jingmei Li, Group Leader, Genome Institute of Singapore

Key message is very important to me. I feel that every grant proposal should be written to engage the reader in a way that is refreshing and thought provoking. When I go through the grants that my own postdocs write now, I ask them, "What is it that you want to scream out

Portfolio activities/documents

At the end of each lesson, portfolio activities/documents are provided to give you an opportunity to apply the techniques and strategies you've learned to your research.

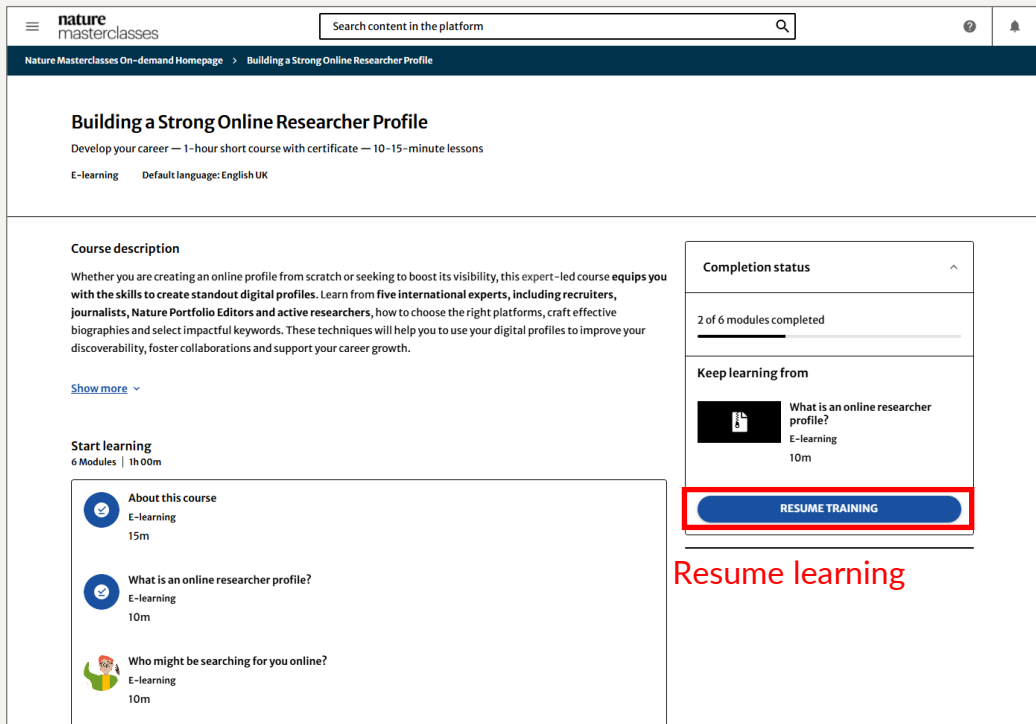
The screenshot shows a web interface for a portfolio activity. On the left is a sidebar with a search icon and a list of course items: 'Welcome to the course' (checked), 'Why are many grant applications not funded?' (checked), 'Why use narrative tools when writing a grant application?' (selected with a blue circle), 'The format of a grant application and the purpose of its sections' (unchecked), and 'Module summary' (unchecked). The main content area is titled 'Portfolio activity' and contains the following text: 'For this activity, you'll need an old grant application - either yours or a colleague's. This can be the same one you used in other portfolio activities.' It then explains that many researchers use narrative tools and asks the user to inspect a selected application. A list of three tasks follows: 1. Identify the key message of the research proposal. 2. Notice any persuasive sections. 3. Identify a spot to add a short sentence to make the proposal more persuasive. Below the tasks, it mentions that a download document is available. At the bottom, a document titled 'NM_Grant_Writing_Identifying_storytelling_techniques.docx' (55 KB) is shown with a download icon, highlighted by a red rectangle.



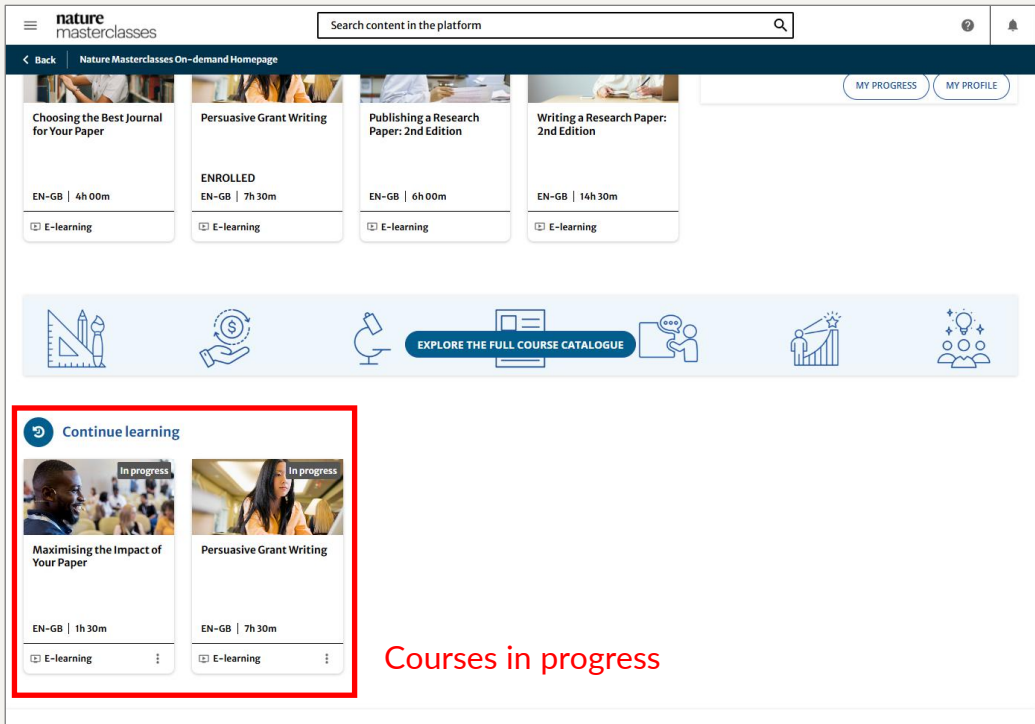
The screenshot shows the content of the document 'NM_Grant_Writing_Identifying_storytelling_techniques.docx'. It is titled 'Persuasive Grant Writing' and includes a 'Module: Before starting your grant application' and a 'Lesson: Why use narrative tools when writing a grant application?'. The 'Portfolio activity' section explains that narrative tools help construct a story format. It lists five key elements: 1. An audience, 2. A key message, 3. Evidence, 4. Characters, and 5. A structure. It then states that by creating a compelling story, users can achieve their key communication purposes: inform, persuade, engage, and inspire. It also mentions that many researchers use narrative tools and asks the user to inspect a selected application. A task is provided: 'Can you identify the key message of the research proposal? (For example, in the summary section, the introduction, or even the title of the proposal.) Highlight the key message in your application, and/or note it down in the space that follows.' Below this task is a large empty box for the user's response.

Resume training

Clicking on “RESUME TRAINING” on an in-progress course page will take you back to where you left off. A “Continue learning” section which include all in-progress courses will appear on the homepage.



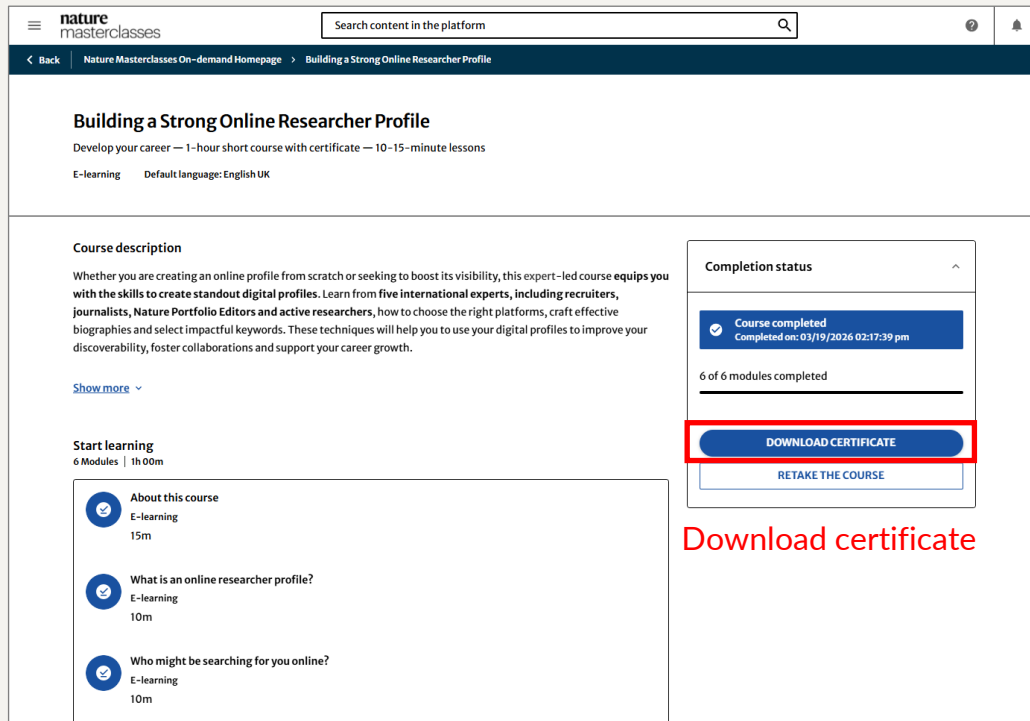
Resume learning



Courses in progress

Certificate

Once you complete the course, your certificate is ready to download.



The screenshot shows the user interface of the Nature Masterclasses platform. The top navigation bar includes the logo, a search bar, and user icons. The main header indicates the user is on the 'Building a Strong Online Researcher Profile' course page. The course description states it is a 1-hour short course with 10-15 minute lessons. The 'Completion status' section shows 'Course completed' with a checkmark and the completion time '03/19/2026 02:17:39 pm'. Below this, it says '6 of 6 modules completed'. A red box highlights the 'DOWNLOAD CERTIFICATE' button, with a red arrow pointing to it from the text 'Download certificate' below. The 'Start learning' section lists three modules: 'About this course' (15m), 'What is an online researcher profile?' (10m), and 'Who might be searching for you online?' (10m).

Building a Strong Online Researcher Profile
Develop your career — 1-hour short course with certificate — 10-15-minute lessons
E-learning Default language: English UK

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.
[Show more](#)

Start learning
6 Modules | 1h 00m

- About this course
E-learning
15m
- What is an online researcher profile?
E-learning
10m
- Who might be searching for you online?
E-learning
10m

Completion status

Course completed
Completed on: 03/19/2026 02:17:39 pm

6 of 6 modules completed

DOWNLOAD CERTIFICATE

RETAKE THE COURSE

Download certificate



The screenshot shows the 'Certificate of Course Completion' for Shoji Takahashi. The certificate is issued by Nature Masterclasses and certifies that Shoji Takahashi has successfully completed the course 'Building a Strong Online Researcher Profile'. The certificate is signed by Dr. Magdalena Skipper, Editor in Chief of Nature, and dated 19/03/2026.

Certificate of Course Completion

This is to certify that
Shoji Takahashi

has successfully completed

Building a Strong Online Researcher Profile
A 1-hour Nature Masterclasses on-demand course

Magdalena Skipper

Dr. Magdalena Skipper
Editor in Chief, Nature

19/03/2026

Track your progress

You can keep track of your progress on the “My progress” page, which includes data on in-progress and completed courses. You can also download certificates from this page.

courses across the research cycle, developed with uild your research skills, confidence and career.

ST

Shoji Takahashi

shoji.takahashi@nature.com

MY PROGRESS

MY PROFILE

My progress

Courses

Shoji Takahashi

cf8b2a89-992f-4893-a016-abebc9348532_SN

Level User

Email shoji.takahashi@nature.com

Groups SN Internal Email domains - Global

17/03/2026

06:46:38

Subscription date

19/03/2026

14:18:25

Last access date

0h 54m

Total time

3

Active courses

Progress

0 (0%) TO BEGIN

2 (67%) IN PROGRESS

1 (33%) COMPLETED

See all activity within the last 12 months

15

10

5

0

-5

Apr

May

Jun

Jul

Aug

Sep

Oct

Nov

Dec

Jan

Feb

Mar

Number of modules accessed

My top 3 most viewed courses (total time)

Building a Strong Online Researcher Profile

54m

COMPLETED

Persuasive Grant Writing

22m

IN PROGRESS

Maximising the Impact of Your Paper

5m

IN PROGRESS

My progress

Courses

Courses

Enrolment status Active enrolments

COURSE CODE	COURSE TITLE	USER STATUS	ENROLLED	COURSE COMPLETION	TOTAL TIME	
NMO-GL-DVC-BRP	Building a Strong Online Researcher Profile	COMPLETED	19/03/2026	19/03/2026	0h 56m	
NMO-GL-SD-MIP	Maximising the Impact of Your Paper	IN PROGRESS	19/03/2026		0h 5m	
NMO-GL-SF-PGW	Persuasive Grant Writing	IN PROGRESS	19/03/2026		0h 23m	

Total: 3

Download certificate

4. Help

Help

If you encounter technical issues, please first refer to the FAQ. If the issue is not resolved, contact our customer support team via Support Form.

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5. Courses



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.

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



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.

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
- Postdoctoral researchers



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.

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

- Finding Funding Opportunities (8 lessons, 3.5h)

Recommended for

- Postdoctoral researchers



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.

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



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.

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)
- Analyzing your data (6 lessons, 2h)

Recommended for

- PhD students



Interpreting Scientific Results

Explore the best techniques for interpreting your scientific results

Course details

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.

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

- Interpreting scientific results (12 lessons, 3h 30m)

Recommended for

- PhD students
- Postdoctoral researchers



Managing Research Data

Explore the foundations of effective data management

Course description

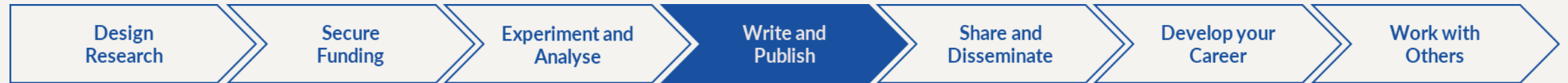
If you find it tricky to find time to write data management plans or to motivate your students to adhere to good practice, this expert-led course shares **strategies for successful data management to unlock the long-term value of your data**. Learn from **10 experts in data management, including data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

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

- Welcome and Introduction (5 lessons, 2h)
- Creating and maintaining your data management plan (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



Choosing the Best Journal for Your Paper

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

Course description

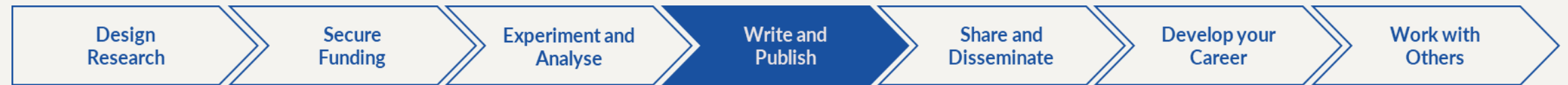
Whether you are overwhelmed by the journal options available or worried about how to avoid publishing in a disreputable one, this editor-led course provides a **step-by-step process for evaluating and prioritising journals to maximise the reach and influence of your work**. Learn strategies from **12 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.

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



Writing a Research Paper: 2nd Edition

Learn the detailed processes of writing a research paper

Course description

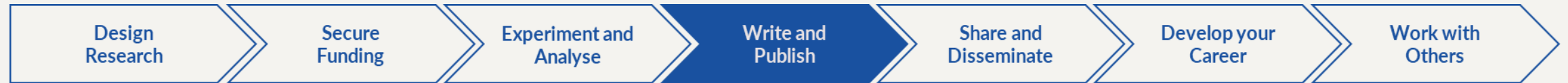
If you want to improve the impact of your scientific writing, this editor-led course **equips you with narrative tools and scientific writing principles to apply to your manuscripts**. Learn directly from **12 Nature Portfolio Editors and prominent researchers**, how to write informative, concise, well-structured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

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
- Postdoctoral researchers



Publishing a Research Paper: 2nd Edition

Learn how to navigate the editorial and publishing process

Course description

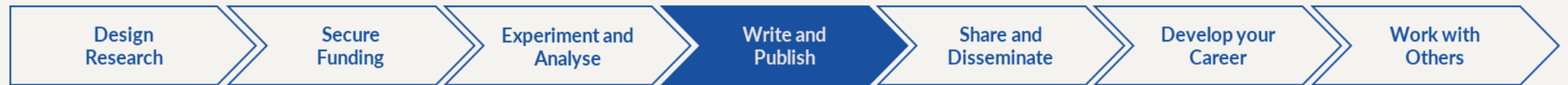
Whether you are new to academic publishing or want to streamline your approach, this editor-led course guides you through how to **navigate the publication process effectively to improve your chances of smooth and successful publication**. Learn from **12 publishing experts, including prominent researchers 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.

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
- Postdoctoral researchers



Writing and Publishing a Review Paper: 2nd Edition

Prepare yourself to write a great review paper

Course description

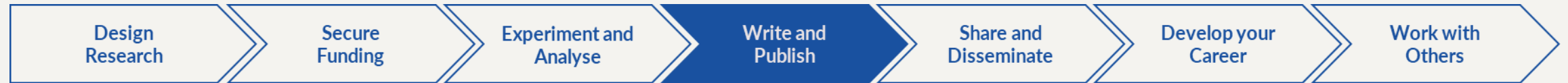
From preparing a review paper for the first time to expanding your expertise, this editor-led course provides **frameworks for planning, structuring and publishing impactful reviews**. Learn from **seven review experts, including four Nature Portfolio Editors and renowned researchers**, how to analyse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

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



Focus on Peer Review

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

Course description

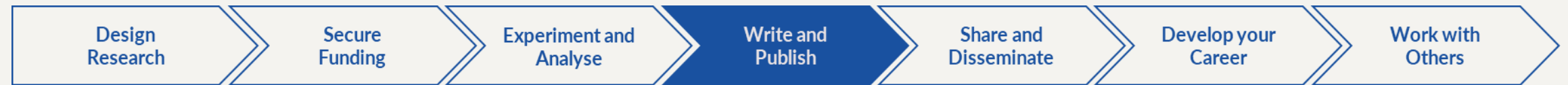
If you are reviewing a manuscript for the first time or refreshing your skills, this expert-led course equips you with **the principles of constructive and ethical peer review to give you the confidence to deliver professional and trusted reports**. Learn from **13 experts in peer review, including active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

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

- Your role as a 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



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.

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

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

Recommended for

- PhD students
- Postdoctoral researchers



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.

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



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.

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



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.

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

- Effective Science Communication (6h 30m)

Recommended for

- Postdoctoral researchers



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.

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



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.

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



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.

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



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.

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

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

Recommended for

- PhD students
- Postdoctoral researchers



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.

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

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

Recommended for

- Postdoctoral researchers



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.

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

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

Recommended for

- PhD students



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.

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

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

Recommended for

- Postdoctoral researchers



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.

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