"Getting education and training in the skills one needs in order to publish research results, hypotheses, and models has never been more important, in particular for young scientists, but also for the more established amongst us: Wiley has taken an important initiative in developing an online platform that provides that education and assesses participants' progress. There is no doubt it will help scientists increase the impact of their studies."

Professor Aaron Ciechanover
Winner of the 2004 Nobel Prize in Chemistry

Contact Us

For more information about the Wiley Researcher Academy, or to enquire about free trial access, please contact us:

W: wileyresearcheracademy.com

E: wraenquiries@wiley.com

WILEY

17 - 305602

Wiley Researcher Academy

Learning Paths

Wiley Researcher Academy is a modular, self-paced learning program for early career researchers who wish to develop their expertise and understanding of the scientific publishing process; and for mid-career researchers seeking to update and perfect their skills.

The program comprises of 14 'Learning Paths' or an anticipated 50 hours of learning, introducing the major aspects of the publishing process.

Written and presented by a global network of journal editors and industry experts, the interactive media formats maximize the learning impact as users are engaged throughout.

"I think especially nowadays with so much research as well as the new metrics it's essential for researchers to take this or a similar course."

WRA User -test student, Turkey

WILEY

LEARNING PATH 1

QUALITIES OF A SUCCESSFUL SCIENTIFIC RESEARCHER

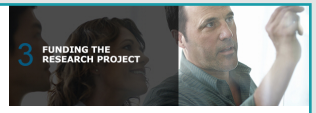
Understand the key skills and ethical values associated with success in writing, submitting and publication of research papers. Learn about the characteristics, qualities and cognitive abilities of a good researcher and help with developing strategies for improving scientific writing skills.

LEARNING PATH 2

RESEARCH AND PUBLICATION: THE ESSENTIAL LINK

Grasp the essential purpose of the journal article to communicate scientific research and develop the skills needed to plan a research project effectively. Learn more about the challenges around getting published, and look at gathering, interpreting and reproducing research and data.

LEARNING PATH 3



FUNDING THE RESEARCH PROJECT

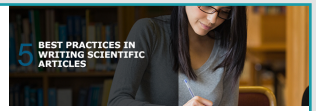
Discover how to develop a well-structured research funding proposal and gain an understanding of how grant applications are evaluated. Learn about international funding agencies, Open Access (OA) mandates, and reimbursement guidelines for Article Processing Charges (APC).

LEARNING PATH 4

SELECTING AN APPROPRIATE JOURNAL

Recognize the range of texts that can be used for scholarly communication and identify the best ways to measure journal quality. Learn essential tools to help with journal selection and publishing platforms.

LEARNING PATH 5



BEST PRACTICES IN WRITING SCIENTIFIC ARTICLES

Understand international standards and conventions in scientific writing and develop techniques to help with the writing process. Learn how to structure an article, use images and explain the contribution the research has made.

LEARNING PATH 6

KEY COMPONENTS OF A RESEARCH ARTICLE

Learn about the purpose of the main sections of an article and what they should contain. Discuss writing methodology, representing results, references and citations, translations and pre-submission review.

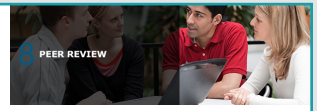
LEARNING PATH 7

MANUSCRIPT SUBMISSION

Discover the steps involved in submitting a manuscript to an international journal and the procedures that follow this process. Benefit from author guidelines and submission information.

Learn more about peer review, copyright, publication charges, OA and Creative Commons Licenses; along with typesetting and editing.

LEARNING PATH 8

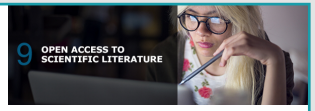


PEER REVIEW

Understand the purpose of peer review and develop skills to handle the process professionally and successfully.

Learn techniques for using feedback as an opportunity for improvement and how to communicate effectively with the reviewer.

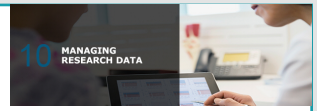
LEARNING PATH 9



OPEN ACCESS TO SCIENTIFIC LITERATURE

A comprehensive overview of the advantages (and inconveneiences) of Open Access – one of the most challenging environments facing scientific authors. Learn about international trends, institutional policies, emerging OA models and predatory journals.

LEARNING PATH 10



MANAGING RESEARCH DATA

Understand the fundamental requirements and best practices for managing and storing research data; discover current opportunities to make data available. Learn about Open Science and Open Data, data repositories, citation and licensing.

LEARNING PATH 11

ETHICAL CONSIDERATIONS

Identify the best ethical practices through writing, submission and post-publication of a scientific article. Learn about fictitious authorship, false data, plagiarism and conflicts of interest.

LEARNING PATH 12

ROLES OF THE PUBLISHER AND JOURNAL EDITORS

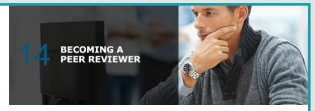
Understand responsibilities of the various roles within scientific publishing from journal owner/publisher through to editorial. Explore in depth the role of the Editor-in-Chief and their independence; plus, the production process, planning cycles, indexing; and strategies for maximizing impact and visibility.

LEARNING PATH 13

POST-PUBLICATION ACTIVITIES AND DRIVING VISABILITY

Learn best practice in post-publication activities to increase the visibility of your scientific article. Discussions cover abstracting, indexing and archiving, along with citations and social media. Understand the importance of researcher ID systems, building your author profile, and finally, measuring impact.

LEARNING PATH 14



BECOMING A PEER REVIEWER

Discover what it means to be a peer reviewer, the principles behind it and the benefits of becoming one. Learn how reviewers are recruited, how to structure a review and best practice guidelines and responsibilities. Plus, methods used to identify plagiarism and strategies for resolving conflicts.