



Quarter Course

CAREERS IN SCIENCE

SPRING 2026
CERTIFY WITH 30 HOURS



To receive the
30-hour Certificate of Completion, please enroll [HERE](#)



Enrollment/Registration HERE is mandatory to track your course progress and receive the 30-hour Certificate of Completion.

***It is important to use the same email address during registration and throughout the entire tracking process.**

Upon enrollment/registration, participants will receive an email containing all the links required to complete the visualization surveys and practical exercises associated with the course. You can also find the links in this syllabus. Successful completion and submission of all required components are mandatory to obtain the 30-hour Certificate on Careers in Science.

Syllabus Quarter Course

Careers in Science

COURSE DIRECTORS

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COURSE DESCRIPTION

The International Mentoring Foundation for the Advancement of Higher Education (IMFAHE) in collaboration with its partner universities, is committed to offering high-quality online education that empowers students to excel in their careers.

Pursuing a scientific career can be demanding, with challenges at various stages of the journey. This course is designed to equip young scientists and researchers with the essential knowledge, skills, and guidance needed to navigate these challenges effectively and stand out in their fields. Through expert-led sessions and practical exercises, this course aims to build the confidence and capabilities of emerging scientists & researchers, preparing them for successful and impactful careers in academia, industry, and beyond.

GRADING POLICY & REQUIREMENTS

This course is graded on a pass/fail basis. In order to receive a grade of "pass", students must fulfill the 3 following requirements.

1 **Attend the Live Masterclasses**
or watch the recorded sessions and complete the visualization surveys

2 **Watch the Recorded Masterclasses**
and complete the visualization surveys

3 **Complete the Practical Exercises**
and put into practice what you learnt through the Masterclasses

LEARNING OBJECTIVES

CAREER PATHWAYS IN SCIENCE

1

Explore a wide range of career options in science

SCIENTIFIC COMMUNICATION

2

Learn how to publish in high-impact journals, write successful fellowship, and maximize the benefits of attending conferences.

OPEN SCIENCE

3

Learn about Open Science and practice how to communicate the real-world impact of scientific research in a way that the general public can understand.

LIVE MASTERCLASSES



The live masterclasses will be conducted **via Zoom** at the times listed in the table. It is important to **register to each Zoom session**. To verify your participation, after each session, please **complete the visualization survey** using the link below (also included in the registration email).

Time & Date	Masterclass	Speaker	
March 4 (2:30pm Central European Time)	Grant opportunities from the European Research Council	Dr. Odetta Limaj. Project Advisor at the European Research Council Executive Agency (ERCEA), Brussels (Belgium).	<div style="background-color: red; color: white; padding: 5px; text-align: center;"> Register <u>to the Masterclass</u> </div> <p><u>VISUALIZATION SURVEY LINK</u> *Please note that the questions will be available 24-48 hours after the session.</p>
March 12 (2:30pm Central European Time)	AI in Research	Faheem Ullah, PhD. #1 Most Followed Voice in AI & Research (LinkedIn) Assistant Professor at Adelaide University (Australia)	<div style="background-color: red; color: white; padding: 5px; text-align: center;"> Register <u>to the Masterclass</u> </div> <p><u>VISUALIZATION SURVEY LINK</u> *Please note that the questions will be available 24-48 hours after the session.</p>

Students are expected to attend the live masterclasses at the scheduled time and actively participate in discussions with the speaker. Students who are unable to attend a live session must also register to the session. The recording of each session will be shared via email with all the registrants within 24-48 hours after the live event.

To be eligible for the diploma, all participants must complete the corresponding visualization survey, regardless of whether the session was attended live or viewed as a recording.

RECORDED MASTERCLASSES

Find the links to the recorded masterclasses in the table below. After watching each session, please complete the corresponding **visualization survey** (link also included in the registration email).



Masterclass

Speaker

Discussing the Career Path in Science. Panel with Career Experts.

[Video Link](#)

[Visualization Survey](#)

Lauren Celano. Founder and CEO, Propel Careers & **James Gould, PhD.** Director for Postdoctoral Affairs, Harvard Medical School.

Overview of the career paths in science and demanded skills in the field

[Video Link](#)

[Visualization Survey](#)

Lauren Celano. Founder and CEO, Propel Careers (Boston)

How to make the most of the PhD and the Postdoc

[Video Link](#)

[Visualization Survey](#)

James Gould, PhD.

Director for Postdoctoral Affairs, Harvard Medical School.

How to Publish in a High Impact Factor Journal

[Video Link](#)

[Visualization Survey](#)

Alfredo Giménez-Cassina, PhD. Senior Editor at Nature Metabolism. Springer Nature Group (Berlin).

Fellowship Writing.

[Video Link](#)

[Visualization Survey](#)

Jessalyn Ubellacker, PhD. Harvard University and UT Southwestern Researcher (Texas, USA)

Abstract Writing

[Video Link](#)

[Visualization Survey](#)

Jessica Olive, PhD. Academic Editor, American Journal Editors/Research Square (USA)

Successful Conferencing

[Video Link](#)

[Visualization Survey](#)

Laura Contreras, PhD. Staff Scientist, Dana Farber Cancer Institute (Boston)

Open Science

[Video Link](#)

[Visualization Survey](#)

David Mellor PhD. Director of Policy Initiatives, Center for Open Science, Virginia, USA.

Michael B. Eisen PhD. Co-founder of Public Library of Science (PLOS) and editor-in-chief of the journal eLife and professor at UC Berkeley, California, USA.

To be eligible for the diploma, each student is expected to watch every session and complete the corresponding visualization survey.

PRACTICAL EXERCISES



Complete the
Practical
Exercises
and apply the
knowledge gained
from the
masterclasses

1. Individual Development Plan (myIDP)

Learn which career path(s) in Science fit better your values, personality and interests and plan accordingly. Follow the instructions to complete this exercise:

1.1. Go to "myIDP" website <https://myidp.sciencecareers.org/>

1.2. Create a new account

1.3. Complete all the sections of myIDP (Assessment, Career Exploration, Create a Plan, Implement Plan)

1.4. Download the Completion Certificate

To qualify for the diploma, please submit the exercise 1 using **THIS LINK** (the link is also provided in the email after registering for the course).

2. Fellowship, internships and/or grant applications.

Research and identify fellowships, internships, and grants that align with your career goals and can support your professional development. Write down the names of two fellowships, companies where you would like to intern, or grants, along with a brief explanation of how each opportunity could help you achieve your career plan.

To qualify for the diploma, please submit the exercise 2 using **THIS LINK** (the link is also provided in the email after registering for the course).

3. Write and submit an abstract.

Based on the "Successful Abstract" lecture, write an abstract describing your work to submit to a conference. To qualify for the diploma, please submit the exercise 3 using **THIS LINK** (the link is also provided in the email after registering for the course). If you are part of the IMFAHE network, we encourage you to submit the abstract to be selected for an oral presentation at the IMFAHE's International Conference that will be held the 25th of May 2026.

4. Open Science. Communicate the real-world impact of (your) research.

Choose either a past research project (published or soon-to-be published) or a scientific topic of your interest, and create one of the following to showcase the topic: an infographic, a slide deck carousel, or a 1–2 minute video.

Publish your content on a social media platform (such as LinkedIn, YouTube, Instagram, X, Facebook) or on a public access website to communicate the real-world impact of scientific research to the general public. Share the link to your published content to IMFAHE.

To qualify for the diploma, please submit the exercise 4 using **THIS LINK** (the link is also provided in the email after registering for the course).

If you are a member of the IMFAHE network, we encourage you to submit a video for the "Spotlight Contest" to help promote Open Science. The finalist videos will be showcased at the IMFAHE International Conference on May 25, 2026.

HOW TO OBTAIN THE DIPLOMA

(Course Certified with 30h Upon Completion)

IMPORTANT NOTE:

Only students and professors from the universities and organizations that collaborate with IMFAHE in the academic year of 2025-26 are eligible to request a diploma. See the logos below.

HOW TO OBTAIN THE DIPLOMA:

1. Enroll/Register to the Quarter Course using **the link**.
2. After registering, you will receive an email containing:
 - 10 visualization survey links for the sessions (2 live + 8 recorded)
 - Note: The questions in the visualization surveys for the live sessions will be available 24–48 hours after each session.
 - 4 links to submit the practical exercises
3. You may complete the course assignments in any order, except for the Exercise #4 link, which must be completed last.

DEADLINE:

All requirements must be completed by **April 30th, 2026, at 23:59 (Central European Time)**.

IMFAHE will begin reviewing submissions after the deadline, and diplomas will be available in the following days.

