

Careers in Science

Spring 2022
Certify with 30 hours



<https://www.imfahe.org/en/imfahe-courses>

COURSE DIRECTORS

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COURSE DESCRIPTION

The International Mentoring Foundation for the Advancement of Higher Education (IMFAHE) works together with its partnered universities to provide the students with an online education of excellence. Scientific careers may be challenging at certain stages. Through this course IMFAHE aims to provide young scientists with important information and guidance to stand out in their scientific careers.

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.

- Attend the Live Masterclasses or watch the recorded sessions and complete the visualization survey if the live session was not attended
- Watch the Recorded Masterclasses and complete the visualization survey for these masterclasses
- Complete the Practical Exercises and put into practice what you learned through the Masterclasses

LIVE MASTERCLASSES*

via Zoom: <https://us02web.zoom.us/j/538787747>

Will take place at the indicated times in the table

*The descriptions and timelines contained in this syllabus are subject to change at the discretion of the course directors

Time & Date	Masterclass	Speaker
March 10th (2:30pm Madrid Time)	Overview of the career paths in science. <i>Video Link:</i> (available after the session at https://www.imfahe.org/en/imfahe-courses) <i>Visualization survey:</i> (available after the session)	Lauren Celano Founder and CEO, Propel Careers (Boston)
March 17th (2:30pm Madrid Time)	Promote your scientific career through social media. <i>Video Link:</i> (available after the session at https://www.imfahe.org/en/imfahe-courses) <i>Visualization survey:</i> (available after the session)	Carmen De Miguel Assistant Professor, University of Alabama at Birmingham, USA.



Each student is expected to attend the live masterclass at the scheduled time and be ready to discuss each topic with the speaker. Students that cannot make it to a class must watch the recording and complete a visualization survey to verify their visualization. Students that attend live masterclasses do not need to complete the surveys.

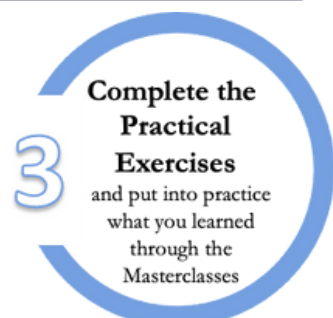


RECORDED MASTERCLASSES

Find the links to the recorded masterclasses in the table below.

Each student is expected to watch each session and answer the questions of the corresponding visualization survey

Masterclass	Speaker
Round Table: Different Career Paths in Science • Video Link: https://youtu.be/RWJoKIs3JTK • Visualization survey: https://forms.gle/XHASvBL9puwrS1QoZ	Ana Cadete Pires, PhD. Scientist at the Pharma Company Moderna (Boston) Joana Pinto Vieira, PhD. Regulatory writer at Novartis Pharma AG (Switzerland) Sofia Marbán Lorenzo. International Aid/Cooperation Officer at European Commission (Belgium). Tomás Goucha, PhD. Postdoctoral Researcher at Max Planck Institute (Germany) Catarina Abreu. Consultant within the GHEOR practice at ZS Associates (New York)
Pros & Cons of Academia • Video Link: https://youtu.be/8NP3vSjDc94 • Visualization survey: https://forms.gle/sRY4Q9xiRYQyZ9gD8	Dr. Esther Baena, PI at Cancer Research UK Manchester Institute Dr. David Lagares, Assistant Professor MGH-Harvard Medical School (Boston) Dr. Rosario F. Godino, Professor, MEEI-Harvard Medical School (Boston) Dr. Joan Montero, Ramon y Cajal Researcher, IBEC (Barcelona)
Responsible conduct in research and how to publish in a high impact factor journal • Video Link: https://youtu.be/2R5A7MgWXkU • Visualization survey: https://forms.gle/xKR5rVzsjH2wk6QM8	Dr. Javier Carmona. Senior Editor Nature, Nature Medicine (New York) Dr. Toni Celia. Group Leader, Princeton-Hospital del Mar (Barcelona) Dr. Miguel Prado. Senior Postdoc Harvard Medical School (Boston)
Fellowship Writing. • Video Link: https://youtu.be/5zGAHQui2B4 • Visualization survey: https://forms.gle/n1rRuq23NacBT7am9	Dr. Jessalyn Ubellacker, Harvard University and UT Southwestern Researcher (Texas, USA)
Abstract Writing • Video Link: https://youtu.be/OISobgzkJFg • Visualization survey: https://forms.gle/KKmf4FFEMGPiXY846	Dr. Jessica Olive. Academic Editor, American Journal Editors/Research Square (USA)
Successful Conferencing • Video Link: https://youtu.be/OIGrUQ94tUA • Visualization survey: https://forms.gle/o4r2qZ2y92CkTw3T8	Dr. Laura Contreras. Staff Scientist, Dana Farber Cancer Institute (Boston)
International Stays & Postdocs • Video Link: https://youtu.be/j2k9PsEQX2A • Visualization survey: https://forms.gle/57L4yieTEVMuvaiM9	Dr. Itsaso García-Arcos, Research Assistant Professor, SUNY (New York)
Grants/Fellowships: Opportunities for PIs, Postdocs, and Predocs • Video Link: https://youtu.be/fijjSDwrtGM • Visualization survey: https://forms.gle/mmPhtcusmMBjN94u6	Dr. Odeta Limaj, Scientific Project Officer, ERC (Brussels)



PRACTICAL EXERCISES

Each student is expected to complete the practical exercises following the guidelines, information and advice presented at the masterclasses. The objective of these exercises is to use them in the real life

1. Individual Development Plan (myIDP)

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

- Go to "myIDP" website <https://myidp.sciencecareers.org/>
- Create a new account
- Complete all the sections of myIDP (Assessment, Career Exploration, Create a Plan, Implement Plan)
- Download the Completion Certificate

In order to get the diploma, you should email the Completion Certificate to IMFAHE (QC@imfahe.org).

2. Fellowship, internships and/or grant applications.

Use the information/ideas provided in the course and do your research to find fellowships, internships and grants that you believe can help you to achieve your career plans. In order to get the diploma, email to IMFAHE (QC@imfahe.org) the name of 3 fellowships, companies where you are interested to do internships, or grants together with a short sentence explaining how these opportunities could help you to fulfill your career plans.

3. Write and submit an abstract.

Based on the "Successful Abstract" lecture, write an abstract describing your work to submit to a conference. In order to get the diploma, you should email your abstract to IMFAHE (QC@imfahe.org). If you are part of the IMFAHE network, we encourage you to submit the abstract to be selected for an oral presentation at the VIII IMFAHE's International Conference.

OBTAIN THE DIPLOMA

(Course Certified with 30h Upon Completion)

IMPORTANT NOTE:

Only students and professors from the universities that collaborate with IMFAHE in the academic year of 2021-22 are eligible to request a diploma. See the logos of the universities below.

HOW TO REQUEST A DIPLOMA:

After completing requirements 1, 2 and 3, send all **PRACTICAL EXERCISES** in **ONLY 1 EMAIL** before **MAY 3, 2022, at 14:00 h** (Madrid Time) to QC@imfahe.org with the subject line: **[YOUR FULL NAME-YOUR UNIVERSITY- Diploma Request]**.

