


UC3M Ticket to Open Science

Destination : <i>Open Science</i> Airline : <i>UC3M</i>			
Passenger : <i>PhD Student</i>			
Date :	Boarding time :	Time :	Gate :
Thursdays*	10:55	11:00	TBC <i>Bb Collaborate</i>
Open Data ● Open Access ● Collaborative Science ● Replicability ● Rewards & Incentives			
			 Catering on Board <i>Open Science Café</i>
UC3M TICKET TO OPEN SCIENCE			
* This flight operates from 20 May to 24 June 2021			

Course coordinators/facilitators: Prof. Dra. Eva Méndez. Deputy Vice-president for Research Policy. Open Science; Prof. Dr. Tony Hernández. Vice Dean of Information and Digital Content management. Library and Information Science Department

Target Audience: PhD students @UC3M

Number of Students: 45

Course format: Online synchronous

Number of hours: 2,5 hours a week (1,5 + 1 hour of Open Science Café)

Dates: Every Thursday from May 20th to June 24th (6 Thursdays)

Timeline every week:

- From 11 to 12:30 – Regular course sessions
- From 13:00 to 14:00 – [Open Science Cafés](#)

Credits: 2 ECTS

Evaluation:

To get the 2 Credits, all the students need to attend, at least, 80% of the sessions and actively participate in the Open Science Cafés (questions, chats, etc.). Finally, every student has to write a final “open” post about their learning and opinions about the course.

Cost of the course: **FREE**

NOTE: This training activity is organised by the Vicerrectorship for Research Policy and it is part of the HRS4R actions regarding training in Open Science for Early Career Researchers.

Session 1: 20 May 2021

11:00 to 12:30: Content of the session: **Open Science: the new paradigm for your research**

- You & Open Science: Icebreaking
- What is Open Science (Open Science, Open Knowledge, Open Research, Open Scholarship)
- Why Open Science and How to make it happen

- Challenges, evolution and current policies for Open Science (declarations, initiatives and the rules of the game)
- Main actions, documents and policies in Europe and world-wide
- Resources to practice Open Science: Open Science Passport, Open Science MOOC, etc.
- Open Science policies @uc3m: you are part of our journey
- Initiatives for Early Career Researchers regarding Open Science: MC association, EURODOC, RDA, etc.

Speaker: **Eva Méndez**. Deputy Vice president for Research Policy. Open Science. UC3M

12:30-13:00 Break: prepare your Coffee (or lunch) to listen to today's distinguished speaker

13:00 to 14:00 Open Science Café: *Open Science in the new ERA (European Research Area) and Horizon Europe*. Dr. Kostas Glinos. Head of Unit for Open Science. European Commission.

Session 2: 27 May 2021

11:00 to 12:30: Content of the session: **Open Access publications**

- Open Access routes: gold, green, diamond, etc.
- Versions of your paper: version of the author (preprint/postprint), VoR, etc. and how to know the right version to share (Sherpa/Romeo)
- Preprints and Open Peer Review
- Repositories: types and use.
- Social networks for scientists. Repositories vs. Social Scientific Networks (ex. ResearchGate)
- Predatory publishers/journals: How to identify them
- How to choose an Open Science Journal?: criteria, resources and practical guidance
- PlanS, cOAlitionS and transition: transformative agreements and Rights Retention Strategy (RRS)

Speaker: **Tony Hernández-Pérez**. Vice Dean, Bsc Information and Digital Content Management (UC3M)

12:30-13:00 Break: prepare your Coffee (or lunch) to listen to today's distinguished speaker

13:00 to 14:00 Open Science Cafés: *Practicing Open Science from OpenAire perspective*. Iryna Kuchma. Open Access Programme Manager for EIFL.

Session 3: 3 June 2021

11:00 to 12:00: Content of the session: **Planning your responsible research in the Open**

- How to become an Open Responsible Scientist
- Open Research Cycle
- Searching and using freely available resources
- Open Science Tools and collaborative research
- Planning YOUR STRATEGY to Open Science: You, Your thesis, Your publications, Your data (sharing), your other research outcomes
- Reproducibility and replicability. Working in a reproducible way
- Diversity, ethics and other research standards

12:00 to 12:30: **Experience of an Open Science Early Career Researcher**: Giulia Malaguarnera. President of Eurodoc.

Speakers:

Eva Méndez. Deputy Vice president for Research Policy. Open Science. UC3M
Giulia Malaguarnera. President of Eurodoc 2020-2021. R&D Manager at Cherry Biotech | Visiting Scientist at the Institut Curie (MSCA-Individual Fellow, Horizon 2020)

12:30-13:00 Break: prepare your Coffee (or lunch) to listen to today's distinguished speaker

13:00 to 14:00 Open Science Cafés: **PlanS: what does it mean for researchers?**
Dr. Sabina Leoneli. University of Exeter. ERC consolidator. PlanS ambassador.

Session 4: 10 June 2021

11:00 to 12:30: Content of the session: **Disseminating your research: Open and FAIR data**

- Open Data vs FAIR data
- FAIR data principles: Findable, Accessible, Interoperable and Reusable
- Data Management Plans (DMP) and outcome management plans.
- How to create a DMP: Tools and standards
- The principle "*as open as possible, as closed as necessary*"
- Regulation around data/open data, further than research data: GDPR, EU directive on Open Data (1024/2019)
- Licensing FAIR data for Reuse
- Data repositories (re3data), tools (OSF), and other infrastructures.
- FAIR data for EOSC

Speaker: **Eva Méndez**. Deputy Vice president for Research Policy. Open Science. UC3M

2:30-13:00 Break: prepare your Coffee (or lunch) to listen to today's distinguished speaker

13:00 to 14:00 Open Science Café: *Create your Data Management Plan and make your data FAIR*. Joy Davidson. Research Associate. Digital Curation Centre. FAIRsFAIR EU project.

Session 5: 17 June 2021

11:00 to 12:00: Content of the session: **Citizen Science and public engagement**

- What is citizen science: principles and features
- Public engagement as an element of RRI
- How to include citizens in your research (Planning a citizen science project)
- Citizen science resources: CS toolkits
- Find a CS project in your field

12:00 to 12:30: Citizen science projects and experiences

Speakers:

Maike Weisspflug. Museum of Natural Sciences Berlin. ECSA, European Citizen Science Association.

Anxo Sánchez. Professor of Applied Mathematics. Universidad Carlos III de Madrid. GISC research Group. Member of Unit for Open Science UC3M

Ana Belén Cristóbal. Researcher at Institute of Solar Energy. Universidad Politécnica de Madrid. Project GRECO.

2:30-13:00 Break: prepare your Coffee (or lunch) to listen to today's distinguished speaker

13:00 to 14:00 Open Science Café: *Citizen Science - Endless Possibilities for a Healthier Society*. Dr. Tiberius Ignat. Director of Scientific Knowledge Services (SKS)

Session 6: 24 June 2021

11:00 to 12:30: Content of the session: **How UC3M will help you to be an Open Scientist: UniOS & Library support.**

- Authorship and affiliation
- Persistent Identifier for researchers: ORCID use at UC3M
- Your thesis step by step: a library guide to help you with your thesis
- How to publish in Open Access your thesis and your publications:
 - o The Institutional Repository e-Archivo.
 - o RD 99/2011: Your thesis in Open Access (embargoes and exceptions)
- Open Science and the dissemination of research outcomes. Regional Research Portal: InvestigaM (*Consortio Madroño*):
 - o How to create a data management plan for your thesis
 - o Regional Repository: e-Ciencia
 - o Data Management and Regional Data Repository: e-CienciaDatos: a place for your thesis's data

- Blog I+B: Investigación y Biblioteca (R+L: Research and Library)
- Where we are and How to make it happen: Open Science support (UniOS) and Full Open Science Pilot (FOS).

Speaker: **Teresa Malo de Molina**. Head Librarian at Universidad Carlos III de Madrid

12:30-13:00 Break: prepare your Coffee (or lunch) to listen to today's distinguished speaker

13:00 to 14:00 Open Science Cafés: *Rewards and Incentives for Open Science: Responsible Research Assessment*. Dr. Sarah de Rijcke. Scientific Director of CWTS. Leiden University and Co-Chair of RoRi (Research on Research Institute). ERC starting.