

MER Graduates (September 2021)





NAME: Clara

SURNAME: Beckmann

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BSc PROFILE: Biology.

MOBILITY PATHWAY: B (SOTON - EHU - Uliège)

OPTIONAL COURSES PROFILE:

- Marine Plant Biology and Ecology

MSc THESIS RESEARCH:

- Title: Assessing the effects of the cytostatic drug 5-Fluorouracil and of a mixture of emerging contaminants on the marine mussel *Mytilus galloprovincialis*
- Supervisor(s)/Institution: Maria João Bebianno, Centre of Marine and Environmental Research, University of Algarve.

INTERNSHIPS/OTHER ACTIVITIES:

- Internship at Plentzia Marine Station (PiE – AZTI), Plentzia, Spain. Plastic ingestion in seabirds from the Bay of Biscay, bird dissections.

ADDITIONAL INFORMATION:

- Scientific Diver Certificate
- Course in Project management
- German and English fluent, French, Portuguese and Spanish basic

CAREER PROSPECTS:

Marine biologist with experience in research of upwelling ecosystems and ecotoxicology in coastal areas. Now finishing a postgraduate in Marine Science, Technology and Society and particularly interested in working on the ecology and restoration of seagrass habitats and seahorse populations. But I am open to discussing working on another subject related.



NAME: Gency Llorico
SURNAME: Guirhem



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BSc PROFILE: Bachelor of Science in Fisheries

MOBILITY PATHWAY: B (SOTON - EHU - Uliège)

OPTIONAL COURSES PROFILE:

- Ecosystem Based Fisheries Management

MSc THESIS RESEARCH:

- Title: Modelling the Spatio-temporal Distribution of Devil Rays in the Western Indian Ocean using Observer Data from EU Tropical Purse Seine Fisheries
- Supervisor(s)/Institution: Maria José Juan-Jordá & Haritz Arrizabalaga in AZTI, Marine Research, Basque Research and Technology Alliance (BRTA), Spain

INTERNSHIPS/OTHER ACTIVITIES:

1. Visiting Student Research Program (VSRP) Intern – King Abdullah University of Science and Technology (KAUST)
2. Presenter, IOTC-FAO 17th Working Party on Ecosystems and Bycatch (WPEB)
3. World Youth Forum Delegate, Sharm El-Sheikh, Egypt"

ADDITIONAL INFORMATION:

- Ecological Modelling

CAREER PROSPECTS:

Researcher



NAME: Gourab

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BSc PROFILE: BSc. Fisheries

MOBILITY PATHWAY: A2 (UBx - EHU - Uliège)

OPTIONAL COURSES PROFILE:

- Environmental (toxico) Genomics

MSc THESIS RESEARCH:

- Title: Oxidative stress and antioxidant defences in experimentally bleached and copper exposed sea anemones (*Anemonia viridis*).
- Supervisor(s)/Institution: Dr. Ibon Cancio and Dr. Oihane Diaz de Cerio / Plentzia Marine Station, University of the Basque Country, Bizkaia, Spain.

INTERNSHIPS/OTHER ACTIVITIES:

- Research Intern (June-August, 2020); Project Title: Transcriptional regulation of tRNAs mediated by RNA polymerase III and associated transcription factors in gonads and somatic tissues of teleosts (Molecular Biology Lab, Plentzia Marine Station, University of the Basque Country, Bizkaia, Spain)

ADDITIONAL INFORMATION:

- Transcriptomics Metabolomics Histology Microsoft Office SPSS R PAST ImageJ MEGA X Primer3 Ensembl Genomicus NCBI: BLAST Expasy Clustal Omega Zotero Mendeley IELTS (6.5).

CAREER PROSPECTS:

- Dream to become a scientist and a good person



NAME: Jaime Andres
SURNAME: Rios Osorio

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BSc PROFILE: Biology

MOBILITY PATHWAY: A2 (UBx - EHU - Uliège)

OPTIONAL COURSES PROFILE:

- Advance marine zoology

MSc THESIS RESEARCH:

- Title: Characterization of the benthic megafauna of cold- water coral mounds off Angola's coast, and an initial exploration of their spatial distribution patterns
- Supervisor(s)/Institution: Patricia Puerta - Save the Med - IEO (Balears)

INTERNSHIPS/OTHER ACTIVITIES:

None (Pandemic restrictions)

ADDITIONAL INFORMATION:

- Diving
- Taxonomy (integrating molecular and morphology)
- Deep-sea imagery tools analysis (ROV, submersibles)
- Data analysis (R)
- Microscopy, dissections, measures of selected groups of marine fauna

CAREER PROSPECTS:

I am currently working on the taxonomy and evolutionary relationships of black corals (Anthozoa: Antipatharia). On the one hand, I am interested in continue researching on the ecology and the exploration of deep-sea habitats to better understand the benthic biodiversity and contribute to conservation measures, especially in vulnerable marine ecosystems in the deep-sea realm. My interests include integrative taxonomy (e.g., discovery of new species), natural history or ecophysiology of deep-sea megafauna (specially of ignored taxa).

On the other hand I am also interested on the restoration of blue carbon ecosystems, in parallel to the development of IMTA aquaculture approaches involving low trophic species (Including, crustaceans, echinoderms among others).



NAME: Kenekukwu

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**BSc PROFILE: Maritime
Management Technology**

MOBILITY PATHWAY:A2 (UBx - EHU - Uliège)

OPTIONAL COURSES PROFILE:

- Satellite Oceanography

MSc THESIS RESEARCH:

- Title: Analysis of the impact of Medicane Ianos on sea surface temperature
- Supervisor(s)/Institution: Dr. Aida Alvera-Azcárate

INTERNSHIPS/OTHER ACTIVITIES:

- The Bay of Biscay Biospecimen Bank, PiE;
- Spanish Language Course
- Field trips and hikes around Gorniz, Bilbao, Asturias and Navarre.

ADDITIONAL INFORMATION:

- Languages: English, French and Spanish

CAREER PROSPECTS:

- Looking to work as Data Scientist dealing with all major kinds of data including satellite and in situ data.



NAME: Manal

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BSc PROFILE: Physical Oceanography/Physics

MOBILITY PATHWAY: A2 (UBx - EHU - Uliège)

OPTIONAL COURSES PROFILE:

- Dynamic Oceanography, Satellite Oceanography and Meteorology, and Remote Sensing of the Oceans

MSc THESIS RESEARCH:

- Title: Drivers of the 2019 Marine Heatwaves in the Mediterranean Sea
- Supervisor(s)/Institution: Alvera Azcarate, Aida ; Université de Liège - ULIège

INTERNSHIPS/OTHER ACTIVITIES:

- Internship training on the correction of bathymetric maps by applying simple physical algorithms to Sentinel-3 satellite images, which I completed at the University of Bordeaux under the supervision of Prof. Lubac Bertrand.

ADDITIONAL INFORMATION:

- My native language is Arabic, and I am fluent in English. Recently, I started learning French, since my PhD is in a French-speaking country. During the master, I learned the basics of programming with R, which allowed me to learn MATLAB very easily since I had the basics of programming during the master.

CAREER PROSPECTS:

- I work as a Teaching Assistant at Alexandria University, Egypt. Since 2019, I am on study leave to finish my Master and PhD. After completing the MER + programme, I found a PhD position at the University of Liege to study the impact of marine heat waves on the marine environment of the Western Mediterranean and Red Sea. After the PhD, I will seek a postdoctoral position in Europe or the US and then return home to resume my work in Egypt.



NAME: Nienke

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BSc PROFILE: Biological laboratory research.

MOBILITY PATHWAY: B (SOTON - EHU - Uliège)

OPTIONAL COURSES PROFILE:

- Marine Ecology + Advanced Marine Zoology (ULiege)
- Introduction to biological/chemical/physical oceanography (SOTON)

MSc THESIS RESEARCH:

- Title: The influence of phytoplankton functional traits on microzooplankton community composition during 2021 North Sea spring bloom
- Supervisor(s)/Institution: Dr. Cedric L. Meunier, Alfred Wegener Institute (AWI)

INTERNSHIPS/OTHER ACTIVITIES:

- Volunteering at the research aquarium (SOTON)

ADDITIONAL INFORMATION:

- Fluent English + Dutch
- Advanced diver (+150 dives)

CAREER PROSPECTS:

- Currently at the end of the first year of my PhD of which the (tentative) title is: Understanding reef trophodynamics across time and space.



NAME: Olga Irene
SURNAME: Mosca



BSc PROFILE: BSc Biology with
Marine Concentration
(University of Victoria,
Canada)

MOBILITY PATHWAY: B (SOTON - EHU - Uliège)

OPTIONAL COURSES PROFILE:

- Marine mammals (third semester)

MSc THESIS RESEARCH:

- Title: Drivers of vocal production in wild bottlenose dolphins (*Tursiops truncatus*): functional differences between whistle types
- Supervisor(s)/Institution: Bruno Díaz López - Bottlenose Dolphin Research Institute (BDRI)

INTERNSHIPS/OTHER ACTIVITIES:

- Final internship for thesis at the BDRI

ADDITIONAL INFORMATION:

- Open Water Diver
- Pleasure craft operator license
- Speak English, Italian Spanish and some French
- 3 years experience in marine mammal research institution as intern coordinator and research staff

CAREER PROSPECTS:

- Marine Mammal researcher



NAME: Olga

SURNAME: Mouteira

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BSc PROFILE: Aquatic Sciences

MOBILITY PATHWAY: B (SOTON - EHU - Uliège)

OPTIONAL COURSES PROFILE:

- ...

MSc THESIS RESEARCH:

- Title: Influence of Environmental Factors on White Shark Behaviour.
- Supervisor(s)/Institution: Emilio Sperone - University of Calabria - Italy.

INTERNSHIPS/OTHER ACTIVITIES:

- ...

ADDITIONAL INFORMATION:

- ...

CAREER PROSPECTS:

- Currently working at Centre of Marine Sciences - University of Algarve - Portugal.



NAME: Priyanka

SURNAME: Soni

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in <https://www.researchgate.net/profile/Priyanka-Soni-6>

BSc PROFILE: Bio-Technology

MOBILITY PATHWAY:A2 (UBx - EHU - Uliège)

OPTIONAL COURSES PROFILE:

- Biogeochemistry

MSc THESIS RESEARCH:

- Title: How Fishes Color their Skin: Genetic Analysis of Melanocortin Receptor 2 (mc2r) in Fish Pigmentation.
- Supervisor(s)/Institution: Joseph Rotllant, IIM-CSIC Spain

INTERNSHIPS/OTHER ACTIVITIES:

- BC3 (Basque Center of Climate Change) - Research Intern
- EPOC (Oceanic and Continental Env. and Paleoenv.) – Research Intern

ADDITIONAL INFORMATION:

- Language - English, Hindi
- Interest - Biking, Kayaking, swimming

CAREER PROSPECTS:

- I want to be in Academia and work in scientific research to resolve unknown answers to our earth system.



NAME: Roxanne Yuanmin

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BSc PROFILE: Biological Sciences.

MOBILITY PATHWAY: A2 (UBx - EHU - Uliège)

OPTIONAL COURSES PROFILE:

- Marine Tourism

MSc THESIS RESEARCH:

- Title: Bacalhau (codfish): The Sea Tourism heritage defining Portuguese national identity and regional diversity, and its future sustainability direction.
- Supervisor(s)/Institution: Luis Silvera, University of Coimbra.

INTERNSHIPS/OTHER ACTIVITIES:

ADDITIONAL INFORMATION:

- Spanish, Portuguese: A1
- PADI Open water diving
- Communication and interpersonal skills

CAREER PROSPECTS:

Hoping to develop a career in consulting.



NAME: Sushmita

SURNAME:

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BSc PROFILE: Fisheries Science

MOBILITY PATHWAY: A2 (UBx - EHU - Uliège)

OPTIONAL COURSES PROFILE:

- Aquaculture

MSc THESIS RESEARCH:

- Title: Elemental composition of fishes and seafood
- Supervisor(s)/Institution: Iciar Martinez and Josean Antonio Carrero, UPV/EHU

INTERNSHIPS/OTHER ACTIVITIES:

- Internship in Plentzia Marine Station, University of Basque Country(UPV/EHU) the tasks were integrated in Research Project AKURA “Development of a sustainable system for the captive breeding of mullets.

ADDITIONAL INFORMATION:

- Microsoft Office (Excel, PowerPoint, Word) | XLSTAT, R and SPSS | ICP-MS, Microwave Digestion, Analytical chemistry | Hatchery management, Water quality management and checking, Fish breeding techniques, Fish processing, Aquaponics, Recirculatory aquaculture system management , Sewage treatment | Communication and interpersonal skills, Adaptive, Leadership, Teamwork | Quick learner, Focused and Hard-working.

CAREER PROSPECTS:

- PhD and jobs in the field related with Aquaculture and Marine Science.