# MER INTAKE 15 (2020-2022)

**NAME: Roanna**
**SURNAME: Silveira**
**INTAKE: 2020-2022**
**TITLE: Thesis Intern**
**JOB: -**
**AFFILIATION:  CCMAR**

**SHORT BIO:**
- A Marine Conservationist interested in Coral Reef Ecology and Microbiome studies

**SKILLS AND COMPETENCES:**
- Molecular Biology/Genomics/Genetics, Data analysis (R/Python), Environmental Data analysis

**EXPERIENCE:**

**HIGHLIGHTS:**
- SOCIAL MEDIA :https://www.linkedin.com/in/roanna-silveira-504383ba/
- Email: roannasilveira@gmail.com
- FIELD OF SPECIALIZATION:Conservation, Biotechnology/Genomics/Molecular Biology/ Genetics

**NAME: Florian**
**SURNAME: Sellier**
**INTAKE: 2020 - 2022**
**TITLE: Ecovoluntary and researcher**
**JOB:  -**
**AFFILIATION:  Centro ecológico tortugario de Cuyutlan**

## SHORT BIO:

## SKILLS AND COMPETENCES:
- Data analysis (R/Python)
- Environmental Data analysis
- Informatics : -use of IT tools : Scilab, Arcgis,
- C1 Spanish validated -B2 english level validated -B1 spanish validated
- A2 english and spanish levels validated -TOEIC

## EXPERIENCE:
Before the MER master, I have been graduated from a DUG in geology specialized in oceanography and paleontology. I realized an internship in the study of beach response to storm events: EPOC Laboratory. Secondly my formation in marine sciences through the master allowed me to do an internship in marine station STARESO Calvi to study the biodiversity and future threats to it by climate change. At last, I have worked as a volunteer work at the Tortugario Cuyutlan Ecological Center: study of the impact of climate change on marine turtles species

## HIGHLIGHTS:
- SOCIAL MEDIA: https://www.linkedin.com/in/florian-sellier-6787aa19a/
- Email: florian.sellier33@gmail.com
- FIELD OF SPECIALIZATION: Conservation, mammals and climate change

**NAME: Md Mahamudul Hasan**
**SURNAME: Mredul**
**INTAKE: 2020 - 2022**
**TITLE: Research Assistance**
**JOB: Ongoing MSc**
**AFFILIATION: University of Rostock, Germany**

**SHORT BIO:**

- Mr. Mredul currently works on environmental physiology and toxicology of marine organisms. His research interest focus on adaptations of marine organisms to environmental stressors and the effects of environmental change (both natural and anthropogenic) on marine populations.

**SKILLS AND COMPETENCES:**

- Molecular Biology/Genomics/Genetics,
- Data analysis (R/Python),
- Environmental Data analysis,
- Water Quality analysis

**EXPERIENCE:**

**HIGHLIGHTS:**

- SOCIAL MEDIA: https://www.linkedin.com/in/md-mahamudul-hasan-mredul-a000b4152/
- Email: mredul710@gmail.com
- FIELD OF SPECIALIZATION: Fisheries, Ecotoxicology, Conservation, Aquaculture (FinFish), Aquaculture (ShellFish), Biotechnology/Genomics/Molecular Biology/ Genetics

**NAME:  Mishal**
**SURNAME: Antony**
**INTAKE: 2020 - 2022**
**TITLE: Ph.D**
**JOB: Masters Intern**
**AFFILIATION: Utrecht**
**University**

**SHORT BIO:**
- Eco toxicologist specializing in Ocean plastics and the role of marine microorganisms in the plastic degradation with a background in microplastic ingestion and environmental pollutants in organisms.

**SKILLS AND COMPETENCES:**
- Water Quality analysis

**EXPERIENCE:**

**HIGHLIGHTS:**
- SOCIAL MEDIA: https://www.linkedin.com/in/mishalantony
- EMAIL:
- FIELD OF SPECIALIZATION: Ecotoxicology

**NAME: Md Abdus Shukur**
**SURNAME: Imran**
**INTAKE: 2020 - 2022**
**TITLE: Ph.D**
**JOB: Master's Thesis Intern**
**AFFILIATION:  National Marine Research Institution CSIC-IIM, Vigo, Spain**

## SHORT BIO:

- Mr. Md Abdus Shukur Imran is a Research Fellow under Erasmus Mundus Scholarship at the Department of Biotechnology and Aquaculture, IIM-CSIC, Spain. His current research theme is creating a reference dataset of bioactive peptides from cephalopods ink through shotgun proteomics approach. Mr. Imran is conducting his masters in Marine Environment and Resources (MER+) in Europe and he graduated from the Faculty of Biotechnology and Genetic Engineering, Sylhet Agricultural University, Bangladesh. He is fascinated by Analytical Chemistry, Proteomics, Functional Genomics, Cellular Immunology or Drug Design. His future research interest is extracting bioactive compounds from marine organisms and analyzing their functional, biological, and immunological properties for the development of drug, functional foods or nutraceuticals.

## SKILLS AND COMPETENCES:

- Biotechnology
- Genomics
- Molecular Biology
- Genetics

## EXPERIENCE:

## HIGHLIGHTS:

- SOCIAL MEDIA: https://www.linkedin.com/in/md-abdus-shukur-imran-332010161/
- EMAIL: asimran.sau@gmail.com
- FIELD OF SPECIALIZATION: Ecotoxicology, Biotechnology/Genomics/Molecular Biology/ Genetics.

**NAME: Lingle**
**SURNAME: Chen**
**INTAKE: 2020 - 2022**
**JOB: Ph.D**
**AFFILIATION: University of Southampton**

**SHORT BIO:**

**SKILLS AND COMPETENCES:**
- Data analysis
- (R/Python)

**EXPERIENCE:**
- Paleoceanography
- Geochemistry

**HIGHLIGHTS:**
- EMAIL: chenlingle98@gmail.com
- FIELD OF SPECIALIZATION: Geology/Meterology/Hydrology

**NAME: Gloria**
**SURNAME: Mariño Briceño**
**INTAKE: 2020 - 2022**
**TITLE: Student**
**AFFILIATION: University of Azores**

**SHORT BIO:**
- Undergrad in Venezuela, post graduate with MER Master and thesis in the Azores university

**SKILLS AND COMPETENCES:**
- Data analysis (R/Python)

**EXPERIENCE:**

**HIGHLIGHTS:**
- EMAIL: gloritam94@gmail.com
- FIELD OF SPECIALIZATION: Fisheries, Ecology

**NAME: Shantika Maylana**
**SURNAME: Sastraprawira**
**INTAKE: 2020 - 2022**
**TITLE: Research Assistant (for Master thesis)**
**JOB: Ph.D**
**AFFILIATION: Institut des Sciences d'Évolution Montpellier (ISEM) - France**

## SHORT BIO:

- I am interested in the study of taxonomic diversity and evolutionary processes that characterise fish communities and their ecology. My master's thesis carried out in collaboration with BRIN-Indonesia (National Research and Innovation Agency Indonesia) and ISEM-France (Institut des Sciences d'Evolution Montpellier France) on pygmy seahorse (Hippocampus bargibanti) to characterise novel camouflage morphotypes on gorgonian species using both phylogenetic and genomic approaches.

## SKILLS AND COMPETENCES:

- Molecular Biology/Genomics/Genetics,
- Water Quality analysis
- Morphology and meristics measurement of fish
- Measuring ecosystem diversity (Alpha & Beta diversity)
- Domestication of critically endangered or commercial fishes.

## EXPERIENCE:

- As a first stage researcher, I previously worked in multiple international research institutions as research assistant: UNIDO (United Nations Industrial Development Organization) branch Indonesia, BIO-D TROPIKA UMT Malaysia (Institute of Tropical Biodiversity and Sustainable Development - University of Malaysia Terengganu), and GEOMAR Kiel in Germany.

## HIGHLIGHTS:

- Best graduate of Aquatic Resources Management department of Jakarta Fisheries University (JFU) - Indonesia in 2018.
- FRGS (Fundamental Research Grant Scheme) Grantee from Ministry of Education Malaysia (FRGS/1/2018/STG03/UMT/02/2) for research period 2019-2020.
- Erasmus Mundus Joint Master Degree Scholarship awardee in 2020.
- SOCIAL MEDIA: https://www.linkedin.com/in/shantikamaylana/
- EMAIL: shantikamaylana@gmail.com
- FIELD OF SPECIALIZATION: Fisheries, Conservation, Aquaculture (FinFish), Biotechnology/Genomics/Molecular Biology/ Genetics

**NAME:** Amin
**SURNAME:** Ghane
**INTAKE:** 2020 - 2022
**TITLE:** MSc Student
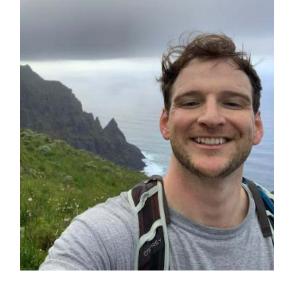**AFFILIATION:** University of Gothenburg

**SHORT BIO:**

- I am an MSc student of the Erasmus Mundus Joint Master Degree (EMLMD) in Marine Environment and Resources (MER+), where I am a recipient of the Erasmus Mundus scholarship. Currently, I am doing my MSc thesis project at Tjärnö Marine Laboratory on Sex chromosomes evolution and sex-determination systems in two ecotypes of Littorina saxatilis on the Swedish west coast.

**SKILLS AND COMPETENCES:**

- Molecular Biology
- Genomics
- Genetics

**EXPERIENCE:**

**HIGHLIGHTS:**

- SOCIAL MEDIA: https://www.linkedin.com/in/amin-ghane/
- EMAIL: aminghane22@gmail.com
- FIELD OF SPECIALIZATION: Biotechnology/Genomics/Molecular Biology/ Genetics

**NAME: Yancey (Cash)**
**SURNAME: Cashell**
**INTAKE: 2020 - 2022**
**JOB: Unemployed, Ph.D,**
**Looking for PhD**
**opportunities.**
**AFFILIATION:**

**SHORT BIO:**

- Current MER+ student, interested in marine microbial ecology, biogeochemical cycling, extremophiles, and astrobiology. Currently seeking PhD opportunities!

**SKILLS AND COMPETENCES:**

- Molecular Biology/Genomics/Genetics
- Data analysis (R/Python)
- Environmental Data analysis

**EXPERIENCE:**

**HIGHLIGHTS:**

- SOCIAL MEDIA: https://www.linkedin.com/in/yancey-cashell/
- EMAIL: ycashell2@gmail.com
- FIELD OF SPECIALIZATION: Biotechnology/Genomics/Molecular Biology/ Genetics, Marine Microbial Ecology and Biogeochemistry.

**NAME: Valentina**
**SURNAME: Platzgummer**
**INTAKE: 2020 - 2022**
**JOB: Master thesis**
**AFFILIATION:  Scripps**
**Institution of Oceanography,**
**San Diego.**

## SHORT BIO:

- I am currently finalizing the MER+ Joint International MSc degree with a research project at the Scripps Institution of Oceanography, San Diego, US.
- 2-years working experience as project manager in a sustainable development agency in Canary Islands, a good knowledge of communication tools and a background in Economics allow me to face Ocean Conservation research projects with a multidisciplinary approach. My research interests are related to marine protected areas governance, socio-economic perspectives of mangroves and reefs conservation, blue carbon and climate change

## SKILLS AND COMPETENCES:

- Remote Sensing
- Data analysis (R/Python)

## EXPERIENCE:

- Sustainable development.
- Thanks to the MER+ Master, I have skills in treating remote sensed data and basic programming with R, beside using R software for statistical analysis. Two-years working experience in the field of European funded projects in programmes as Horizon2020, Interreg and Erasmus+ gave me project management and grant proposals writing skills. I also matured competencies in communication techniques for conservation, with professional use of social media. I am keen on doing research on socio-economic incentives for the conservation of the marine environment.

## HIGHLIGHTS:

- SOCIAL MEDIA: Valentina Platzgummer
- EMAIL: valentina.platzgummer@gmail.com
- FIELD OF SPECIALIZATION: Fisheries, Conservation, Ocean Literacy/ Education.

**NAME: Michelia**
**SURNAME: Wibowo**
**INTAKE: 2020 - 2022**
**TITLE: Intern**
**JOB: Ph.D**
**AFFILIATION:  ZMT Leibniz**

**SHORT BIO:**
- Michelia is a MER+ student from 2020-2022 cohort currently working on her thesis about coral reef photosynthesis pigment at Leibniz Centre for Tropical Marine Research, Germany. Her interest lies in remote sensing, image analysis, ocean modelling and machine learning.

**SKILLS AND COMPETENCES:**
- Remote Sensing
- Data analysis (R/Python)
- Environmental Data analysis

**EXPERIENCE:**
- Awarded with UK Associates of BIOS (Bermuda Institute of Ocean Sciences)
-  Awarded for research internship investigating the ecology of coral reef systems with the use of in- water and remote sensing techniques with Dr Eric Hochberg (Head of CORAL JPL NASA laboratory)

**HIGHLIGHTS:**
- SOCIAL MEDIA: Michelia Wibowo
- EMAIL: micheliamasitha@gmail.com
- FIELD OF SPECIALIZATION: Fisheries, Ocean Literacy/ Education, ocean modelling, remote sensing, GIS.

**SHORT BIO:**
- No professional activity until after the Masters

**SKILLS AND COMPETENCES:**
- Conservation
- Remote sensing

**NAME: Manuel**
**SURNAME:Secca**
**INTAKE:2020-2022**
**TITLE: MSC Student**
**JOB: Researcher**
**AFFILIATION:  Kalanbio A.C.**

**EXPERIENCE:**
- Currently in the masters

**HIGHLIGHTS:**
- SOCIAL MEDIA:https://www.linkedin.com/in/manuelsecca
- EMAIL: manuelsecca@gmail.com
- FIELD OF SPECIALIZATION: Conservation, Remote sensing

**NAME: Brenda Lizbeth**
**SURNAME:Esteban Vazquez**
**INTAKE: 2020-2022**
**TITLE: MSc student**
**JOB:**
**AFFILIATION:  German Centre for Marine Biodiversity Research, Senckenberg am Meer Wilhelmshaven**

**SHORT BIO:**

- I am a Biologist from the Universidad Nacional Autónoma de México. I started my Erasmus Mundus MSc in Marine Environment and Resources in 2020. Since my undergraduate studies, I started to work on the taxonomy of echinoderms, mainly sea stars. Currently, I apply DNA barcoding, MALDI-TOF and 2b-RAD sequencing for studying the sea star Astropecten irregularis species complex in the North Sea. My main interests are echinoderms, integrative taxonomy applying molecular, morphological and proteomic data  and adaptations of marine invertebrates to the deep-sea.

**SKILLS AND COMPETENCES:**

- Molecular  Biology/Genomics/Genetics,  2b-RAD  sequencing,  MALDI-TOF  sequencing, Scanning Electron Microscopy, Morphometrics

**EXPERIENCE:**

- worked as a museum guide at the Museum of Natural History and Environmental Culture, Mexico City; thus I have an interest in scientific dissemination of marine-biology related topics. Likewise, I did an internship at the University of La Laguna where I could learn about sea urchin larvae.

**HIGHLIGHTS:**

- SOCIAL MEDIA:https://www.linkedin.com/in/brenda-esteban-38b82b249/
- EMAIL:
- FIELD OF SPECIALIZATION: Biotechnology/Genomics/Molecular Biology/ Genetics, Taxonomy, Marine Biodiversity, Echinoderms

**SHORT BIO:**

- I am a Geophysical Engineer from Simon Bolivar University, Venezuela (December 2017). My topics of interest are very broad, including ecology, modeling, marine plants, and seismic interpretation. My bachelor thesis "Characterization of Carbonates by Seismic Attributes and Well Data. Campo Merced, Mexico" (September 2017) allowed me to work in reservoir characterization through seismic attributes and petrophysical analysis. After, I worked as a geophysics analyst (2018, Caracas, Venezuela) characterizing oil and gas reservoirs through seismic and well data. Currently, I am developing my Master Thesis "Evaluation of the influence of submarine outflows of Waste Water Treatment Plants on Posidonia oceanica meadows in the Balearic Islands" MER+ Marine and Environment Resources (September, 2022). This also allowed me to assist in the SIBECOL AIL meeting 2022, presenting "Assessing the impact of sewage on ecosystem services provided by Posidonia oceanica meadows in the Balearic Islands", and to develop a technical report with the analysis of the factors controlling the ecological status near submarine outfalls, using Posidonia Oceanica, MEDOCC (MEDiterranean OCCidental), and CARLIT (cartography of littoral and upper-sublittoral rocky-shore communities) as ecological indicators.

**NAME: Osmari**
**SURNAME: Aponte Brito**
**INTAKE:2020-2022**
**TITLE: Master's student**
**JOB: -**
**AFFILIATION: -**

**SKILLS AND COMPETENCES:**

- Data analysis (R/Python), Water Quality analysis

**EXPERIENCE:**

**HIGHLIGHTS:**

- SOCIAL MEDIA:https://www.linkedin.com/in/osmiaponte/
- EMAIL: osmiaponte@gmail.com
- FIELD OF SPECIALIZATION: Conservation, Geology/Meterology/Hydrology, Ecological indicators