

2022 NF-POGO-Eurofleets+ Visiting Fellowship for Shipboard Training

Fellowship Report

Name of Trainee: Julieta Rodriguez

Name of Supervisor (Parent Institution): Diaz, Marina Vera

Supervisor (Host Institution):

Dates of Training: 15 Aug 2022 to 02 September 2022

Section A

(To be completed by the fellow)

It is the responsibility of the trainee to forward this form to the host and parent supervisor, and to submit a fully completed version to the POGO Secretariat. Please note that the complete report will be made public on the OTP website; Private comments should be included in a separate confidential form.

1) Please provide a brief description of activities during the training period:

During the experience on board the RV Dana, I learned about sampling adult fish, and how to extract data such as length, weight, sex, and otolith extraction. I was able to observe the whole process from when the trawl enters the water and when it comes out. In addition, ichthyoplankton samples were taken, so it was very beneficial for me to collaborate in this, as I work with hake larvae.

2) What applications of the training received do you envision at your parent institution?

This training allowed me to acquire the technical knowledge for future sample collection that will be incorporated into my thesis work. The experience gained will allow me to become more involved in research campaigns in the collection of samples and environmental variables. Thanks to this experience I can perform a more complete analysis of my data related to the larval stage and integrate them with other environmental and biological variables. I will give a talk at INIDEP (my PhD institution) to explain the experience in the framework of the POGO training course and will publish a technical report of the commission. I also intend to train those people within the Institute who did not have the opportunity to access this type of scholarship and who, without being specialists in the subject, may have knowledge of how these data were obtained and how to interpret them in order to share the knowledge acquired in this course. I believe that in this way the data will be able to have a greater meaning in order to comprehensively address the problems within each line of research, which will allow me to publish my results in my final thesis report and subsequent scientific publications in high-impact international journals.

3) Please provide your comments on the Fellowship Programme.

I am grateful to have had the opportunity to take this training to improve my scientific education. This will be of great importance for my Ph.D. work. I had the opportunity to work on a scientific cruise ship equipped with state-of-the-art instruments and to observe how they work in other countries. During the experience on board the RV Dana, my vision of how data is collected in the ocean became more complete. I only knew the methods from books, but thanks to the training I received, I can understand in a practical way how they are collected and how to interpret them. Now, when I work with the environmental and biological data obtained through the research campaigns conducted by the institute where I am doing my Ph.D., they are not just numbers to me. They now have another value for me and I can incorporate them into my studies with a deeper understanding that gives more meaning to my results.

PRINT NAME

Rodríguez, Julieta

Date: 30 / 09 /2022

Section B

(To be completed by the host supervisor and returned to the trainee)

Please note that the complete report will be made public on the OTP website; Private comments should be included in a separate confidential form.

1) Please provide your comments on the performance of the trainee.

We were very pleased with the performance of Julieta during our survey. She got very fast integrated in the scientific team as well as with the vessel crew. She got engaged in all scientific and social activities. Although more experienced working with fish larvae she became very soon an essential help in the fish lab and independently search background material from the literature we had on board on species composition and fish biology. In addition to the work in the fish lab, she joined the recording of oceanographic data (CTD cast for measuring temperature, salinity, dissolved oxygen content and chlorophyll) as well as the plankton sampling and sorting of these samples for fish larvae and jellyfish.

2) Is this exchange likely to lead to future collaboration with the trainee's parent institution? If so please give example(s) of how this collaboration may be pursued.

There is no formal agreement for future collaboration with the trainee's parent institution now.

3) Please provide your comments on the Fellowship Programme.

This was my first experience with the fellowship programme. Despite the extra effort needed for the selection of the candidate and for the formal preparation of the survey, I appreciated having a trainee onboard very much. We felt enriched having a person from a non-European country with a different cultural joining us on our cruise.

PRINT NAME

Kai Wieland

Date: 29 / 09 / 2022

SECTION C

(To be completed by the parent supervisor and returned to the trainee)

Please note that the complete report will be made public on the OTPwebsite; Private comments should be included in a separate confidential form.

1) Do you agree with the above comments and do you have any additional feedback you wish to provide?

I agree with the comments made in this note by Julieta and Kai. I am grateful to the training on board Pogo for this experience to enhance Julieta's scientific training. This will be of great importance in her Ph.D. training. She had the opportunity to work on a scientific cruise of great international relevance and had the opportunity to contact European researchers. I am sure that this scholarship will allow us to establish future inter-institutional collaborations. We hope that Julieta will participate in research cruises at INIDEP in the near future. I am sure that the experience in the POGO program provided a wealth of information and research experience in the field.

PRINT NAME

Diaz, Marina Vera (INIDEP-CONICET, Argentina)

Date: 30/ 09 /22