

**2023 NF-POGO-SCOR Shipboard Training fellowship on board the
International Nutrient Inter-Comparison Voyage, hosted by CSIRO, Australia.**

Report

Name of Trainee: Dr. Paula Bermejo

Name of Supervisor (Parent Institution): Dr. Pedro J. Barón (CESIMAR-CONICET)

Supervisor (Host Institution): Dr. Julie Janssens (CSIRO)

Dates of Training: 30/05/2023 to 14/07/2023

Topic of Training: Biogeochemistry, nutrient analysis and methods

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 my participation in the International Nutrient Inter-Comparison Voyage (INIV) on board the RV Investigator I have been trained and involved in measurements of dissolved inorganic nutrients in seawater. This fellowship gave me the opportunity to work with nutrient analysts and experts from around the world, learning about the methodologies, techniques, and instrumentation used in each laboratory. Also I have learned about nutrient sample collection, handling and storage, as well as data analysis and processing. During the post-cruise training I was involved in the every-day activities of the Hydrochemistry group, performing salinity and dissolved oxygen measurements, preparing chemical solutions and working with nutrient autoanalyzers, treating problems regarding continuous flow analysis operation and going deeply on analysis protocols.

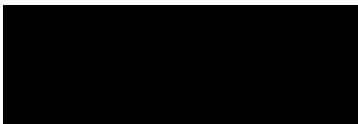
2) What applications of the training received do you envision at your parent institution?

I work as a technical research assistant and, at the moment, my parent institution is the only institution that perform nutrient analysis in seawater samples in Argentinean Patagonia, so the knowledge gained in this training will allow me to improve the quality of the nutrient data obtained for this region and will permit more precise and accurate data interchange. This training was a very important contribution to the capacity building of the institution. It will permit updating the methods we currently use at the lab, and it will also provide the opportunity to transfer updated information and practices to the members of our scientific community through the organisation of training sessions at this institute and others.

3) Please provide your comments on the Fellowship Programme.

Ever since I began working in this topic, I had never had the opportunity to participate in any specific training like this and also this fellowship programme gave me the possibility to be in an oceanographic cruise for the first time in my life. I am very grateful for the NF-POGO-SCOR programme because this was an excellent opportunity to update and exchange knowledge with colleagues, gaining experience, and learning lots. Also, I would like to highlight that in this experience I have met and acquired new scientific contacts, which could open up new opportunities for international scientific collaboration.

PRINT NAME: Paula Bermejo



Date: 02 /08 /2023

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.

Paula's contribution and engagement was exceptional, both onboard RV *Investigator* during the International Nutrient Inter-comparison Voyage (INIV) and onshore. She consistently demonstrated an exceptional level of professionalism and teamwork. She actively engaged with everyone, fostering an environment of open communication and collaboration. Her willingness to help others, regardless of their role or the task at hand, has been commendable. Paula also showed a remarkable eagerness to learn and grow. This has translated into practical skills and insight that have benefited her and the entire hydrochemistry and the INIV team.

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.

Our collaboration with Paula remains as we enter the next phase of the INIV project, focusing on the analysis of the collected data. Paula's involvement in processing data and publishing paper will be an important part of this collaboration.

As we progress, I also anticipate continued collaboration with Paula as we harness the potential of the Certified Reference Material provided to her.

I am also looking forward to future collaborations between Paula's and other voyage participants.

3) Please provide your comments on the Fellowship Programme.

The POGO fellowship program has been invaluable for our institution, our team, and Paula and her institution. It stands as a truly exceptional avenue for fostering engagement with underrepresented nations in marine science. This program has facilitated Paula's learning and has also enriched us through our interactions with her, both on a professional and personal level. I am really grateful to have been part of this exchange and will recommend it in the future.

PRINT NAME: Julie Janssens



Date: 10 / 08 / 2023

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 OTP website; 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?

PRINT NAME



Date: 14 / 08 / 2023