

**POGO-SPONSORED TRAINING INITIATIVE
Report**

1. Name of grant recipient

Professor Anthony J. Richardson

2. Title of training

Continuous Plankton Recorder (CPR) Training Workshop

3. Dates of training (e.g., 01 Jan 1999)

Start date: 2 Dec 2019

End date: 6 Dec 2019

4. Location of training (e.g. institute, city, country)

CSIRO Oceans and Atmosphere, Brisbane, Australia

5. Number of trainees: 2

6. Other partners/funding sources

CSIRO provided facilities and training, and some expenses along the way

8. Provide an outline of the training course/initiative (objectives, format, topics)

Full programme can be included as an Appendix.

Objectives: To train new members of the Global Alliance of CPR Surveys (GACS) in the methods they need to collect CPR samples from ships of opportunity.

Format:

1. They first attended a 3-day GACS meeting in Hobart, Australia (25-27 Nov 2019)
2. They then attended a 2-day Plankton Molecular Workshop in Hobart, Australia (28-29 Nov 2019)
3. During the Plankton Molecular Workshop, they also spent time in the AusCPR lab in Hobart
4. They then flew to Brisbane and attended CPR training for 1 week in the AusCPR lab there

Topics:

- Day 1: Deploying CPRs from SOOPs.
- Day 2: Loading internals into CPRs
- Day 3: Fixing and maintaining CPRs
- Day 4: Counting phytoplankton samples
- Day 5: Counting zooplankton samples

9. Provide a summary of the students' performance and any informal feedback received

Please note that an evaluation questionnaire will be sent to the participants by the Secretariat and therefore we ask that you provide a list of trainees and their e-mail addresses. The questionnaire results will be shared with you in due course.

It was a great experience for these early-career scientists. They got to meet the international GACS community in Hobart. And learn about molecular work on zooplankton. They worked hard in Brisbane and added a lot to their knowledge of CPR logistics. I am confident they now have the skills needed. They have also made personal contacts with technicians in my CPR team and with other GACS members globally. This now have a network of people they can call on for advice and help.

10. Do you have any plans for future collaboration with the students, the host institute (if applicable) or for future editions of the training course?

Marco and Octavio are now trained in how to deploy and maintain CPRs, as well as count CPR samples. I have been in regular contact with both of them since the workshop and will continue to do so. As the current Head of GACS, I am keen to help new surveys start. I will be visiting the South African CPR Survey (where Marco is based) in June 2020 to help out with any teething problems. I have been discussing Octavio's PHD with him and providing advice about his questions and statistical analysis.

11. List of trainees

Please fill in the attached Excel spreadsheet with the list of trainees.