

Report on the 2004 POGO-IOC-SCOR Fellowship Programme

The fellowship programme was implemented with financial support from IOC and SCOR. The announcement went out in April, and the competition was open for two months. In total 18 applications were received from Argentina, Australia, Chile, Cuba, India, Indonesia, Iran, Seychelles and Turkey.

The applications were screened independently by a committee of three, with representation from SCOR, IOC and POGO. In making their selection, the committee considered the following factors:

1. Quality of the application;
2. Relevance of the application to the priority areas identified in the Fellowship Announcement;
3. Evidence that the training will lead to capacity-building with potential lasting impact on regional observations; and,
4. The need to maximise regional distribution of the awards.

This year, twelve fellowships were offered to oceanographers from developing countries and economies in transition. The host institutions were in Australia, Canada, Chile, Italy, Malaysia, Mauritius, New Zealand, Spain, and the United Kingdom. We acknowledge the efforts from all the supervisors and colleagues at the various host institutions who agreed to devote time and energy required for the training. The programme would not have been viable without such efforts from prominent scientists and their teams.

In some instances, the participants felt that the POGO fellowship was insufficient to cover reasonable expenses for food, lodging and transport. Otherwise, the responses have been overwhelmingly positive. All the people involved in each fellowship (the fellowship holder, the supervisor at the parent institute and the supervisor at the host institute) were requested to submit short reports at the end of the training period. So far, the reports received have been very encouraging. They indicate that these exchanges should lead to effective capacity building in the host institute and facilitate longer-term collaborations between the institutes concerned. All conclude that the programme serves a useful purpose.

There is tremendous interest in the fellowship programme at all levels, both in the oceanographic institutions of the developing nations, as well as among leading scientists who are eager to contribute to this initiative. It is seen to be filling a niche in capacity building through specialised training that is not filled by intensive courses or participation in scientific meetings. It helps build an *esprit de corps* among oceanographic institutions around the world, and serves as a stepping stone to building collaborations.

The co-sponsors of the programme – IOC and SCOR – have both indicated that they are satisfied with the programme.

Demography of fellowships

Parent Institutions of Successful Candidates:

Argentina: Instituto Nacional de Investigación y Desarrollo Pesquero (INIDEP)
Argentina: Consejo Nacional de Investigaciones Científicas y Técnicas, Centro Nacional Patagónico (CENPAT-CONICET)
Cuba: Centro de Investigaciones Pesqueras de Cuba (CIP)
India: Central Institute of Fisheries Education (CIFE)
India: Indian National Centre for Ocean Information Services (INCOIS)
India: National Institute of Oceanography (NIO)
Indonesia: Agency for Marine Affairs and Fisheries Research
Indonesia: Gadjah Mada University
Iran: Iranian National Center for Oceanography (INCO)
Seychelles: Seychelles Centre for Marine Research and Technology (SCMRT)
Turkey: Karadeniz Technical University

Host Institutions:

Australia: CSIRO Marine Research
Canada: Bedford Institute of Oceanography (BIO)
Canada: Great Lakes Institute for Environmental Research (GLIER)
Canada: Institute of Ocean Sciences (IOS)
Canada: Geomatics and Cartographic Research Centre, Carleton University
Chile: Centro de Investigación Oceanográfica en el Pacífico Sur-Oriental (COPAS)
Italy: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS)
Malaysia: Centre for Hydrographic Studies, University of Technology Malaysia
Mauritius: Shoals Rodrigues Marine Research, Training & Education Centre
New Zealand: Cawthron Institute
Spain: Consejo Superior de Investigaciones Científicas (CSIC)
United Kingdom: Southampton Oceanography Centre (SOC)

Gender distribution

Female: 3
Male: 9

POGO-IOC-SCOR JOINT FELLOWSHIP PROGRAMME

SUCCESSFUL CANDIDATES - 2004

Andrea Cumino - Argentina

Dr. Cumino's interests lie in molecular methods for the taxonomic and phylogenetic characterization of the photosynthetic picoplankton of Argentinean Sea. Her fellowship takes her to Consejo Superior de Investigaciones Científicas (CSIC) at Barcelona, Spain for a month of training under the supervision of Dr. Ramón Massana Morela.

Dr. Peyman Eghtesadi Araghi - Iran

Dr. Eghtesadi Araghi is a regional coordinator for the Global Coral Reef Monitoring Network. He will be undergoing training on quantifying Polycyclic Aromatic Hydrocarbons (PAHs) exposure dynamics and effects in the Persian Gulf, supervised by Dr. Douglas Haffner of the Great Lakes Institute for Environmental Research (GLIER), Canada. Duration of the training will be three months.

Peygham Ghaffari - Iran

Mr. Ghaffari is a research scientist in physical oceanography at the Iranian National Center for Oceanography (INCO). His fellowship will be used for two months of training in current and physical parameters observation in fixed-point moorings and time series analysis, under the supervision of Dr. Miroslav Gacic at the Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS) in Trieste, Italy.

Abdulaziz Guneroglu - Turkey

Mr. Guneroglu is involved in fisheries engineering at Karadeniz Technical University (KTU) in Trabzon, Turkey. His fellowship took him to the Bedford Institute of Oceanography (BIO), Canada where he took part in three months of training involving ocean colour, primary production and remote sensing. The host supervisor at BIO was Dr. Shubha Sathyendranath.

Dr. Joyosentono Haryono - Indonesia

Dr. Haryono is the head of the Hydrographic Surveying Laboratory at Gadjah Mada University in Indonesia. The fellowship enabled him to attend a hands-on training programme on data management using CARIS software, under the supervision of Prof. Dr. Razali Mahmud at the Centre for Hydrographic Studies, University of Technology, Malaysia. The duration of the training was three months.

Dr. Sudheer Joseph - India

Dr. Joseph is involved in Argo data analysis and quality control at INCOIS. He is taking part in three months of training in delayed mode quality control, under the guidance of Dr. Howard J. Freeland at Canada's Institute of Ocean Sciences.

R. Jyothibabu - India

Mr. Jyothibabu's interests lie in microbial biogeochemistry. The POGO-IOC-SCOR Fellowship enabled him to visit the Southampton Oceanography Centre for three months, during which time he analysed molecular diversity of bacteria, and trained in fluorescence microscopy, molecular staining and enumeration of bacteria. Prof. Peter Burkill supervised this training.

Dr. G. Malarvannan - India

Dr. Malarvannan is interested in the development of pharmaceutical compounds from marine biotoxins. The fellowship will enable him to travel to New Zealand's Cawthron Institute, where he will take part in a three month training program involving monitoring and analysis of marine biotoxins under the supervision of Dr. Lesley Rhodes.

Muriel Moise - Seychelles

Ms Moise works at the Seychelles Centre for Marine Research and Technology in their zooplankton sampling programme. The fellowship enabled her to travel to Mauritius' Shoals Rodrigues Marine Research Training & Education Centre, where she underwent training on zooplankton identification and data management, as supervised by Tom Hooper.

Ivan Pérez - Cuba

Mr. Perez is involved in research at Cuba's Fisheries Research Centre. His fellowship was used to undergo training in time series analysis and primary processing of data received from mooring systems, CTDs and ADCP. His supervisor for this training was the Universidad de Concepción's Dr. Rubén Escribano.

Widodo Pranowo - Indonesia

Mr. Pranowo is employed at the Research Center for Maritime Territories and Non-Living Resources. The fellowship took him to Hobart, Australia for two months, where he learned about Argo float preparation, deployment, and data quality control, under the supervision of Dr. Helen Phillips of CSIRO Marine Research.

Zulma Stanganelli - Argentina

Ms. Stanganelli is connected with the Antarctic Atlas Project. Her fellowship enables her to travel to the Geomatics and Cartographic Research Institute at Canada's Carleton University for three months, where she will be trained in object oriented GIS modelling as applied to the impact of el Niño in southern ocean ecosystems. She will be supervised by Dr. D.R.F. Taylor.