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## NEWS OF (1) 2003 AND (2) 2004 ISRS/TOC FELLOWS

Funding in 2003 and 2004 has come from an anonymous donor in the USA (US\$30,000) and from the ISRS (US\$5,000).

### (1) 2003 FELLOWS.

The four 2003 fellows have been doing their work in an impressive array of reef locations - Zanzibar, Tobago, Fiji and Australia!

<b>Fellow</b>	<b>Reports (edited by NP) as of 20 October 2004</b>
<p><b>Reia Guppy</b> <i>Investigation of microbial communities on two coral species in relation to sewage effluent a spatial-gradient approach in Tobago</i></p>	<p>The fellowship has allowed Reia to collect coral mucus samples and nutrient data at 8 reef sites of varying sewage impact over a 6-month period in Tobago, completing all field work for her PhD. She is obtaining DNA fingerprints of the bacterial communities, which could potentially be used as bio-indicators of sewage pollution.</p>
<p><b>Annette Mühlig-Hofmann</b> <i>Community-based management of traditional Fijian fishing grounds in transition from subsistence to market economy</i></p>	<p>Annette's fellowship enabled her to move to Fiji for 18 months of fieldwork, specifically supporting trips (by plane and boat) to island communities, lodging in the villages, allowing payments for interpreters, and smaller purchases needed for the research interviews. Annette has now completed the main part of her fieldwork and returned to Europe. At the 10th International Coral Reef Symposium (10<sup>th</sup> ICRS) in Okinawa she presented her research on community-based marine resource management in Fiji.</p>
<p><b>Michael Stat</b> <i>Do corals change their symbiotic dinoflagellates? Investigating the adaptation potential of coral reefs</i></p>	<p>Michael has been working on three manuscripts from his research and presented a paper at the 10<sup>th</sup> ICRS in Okinawa which was well received by scientists in the field. The research conducted will allow coral reef scientists to better understand the dynamics of coral holobionts (interaction of animal host and algal symbiont) which is important for the future of coral reefs with changes in global climate. Michael is working towards completing his graduate studies in early 2005.</p>
<p><b>Elizabeth Tyler</b> <i>Effects of marine park management on coral reef fish communities in Zanzibar</i></p>	<p>Elizabeth's fellowship has allowed her to complete a study of the effects of partial protection on fish communities in Zanzibar and of no-take areas on fish species richness. In the latter she sampled the entire reef fish community, including commercial species. The fellowship allowed her to present her work on protected areas at the 4<sup>th</sup> World Fisheries Congress in Vancouver and the Okinawa 10<sup>th</sup> ICRS. She is now writing up her PhD and submitting papers for publication. She intends to continue work on reef fisheries management.</p>

## (2) 2004 FELLOWS

The four 2004 fellows have been going to work on the Great Barrier Reef, and in Cuba, Florida and French Polynesia!

<b>Fellow</b>	<b>ISRS/TOC funding and subject</b>	<b>Overall funds (% of fellow's programme budget)</b>
Guy Marion (University of Queensland)	<i>US\$10,000: Isotopic Records of Great Barrier Reef water quality since pre-European colonization;</i>	Australian Int Postgraduate Research Scholarship 56%, Supervisors & University 20%, ISRS/TOC 13%, PADI Foundation Grant 7%, Richard & Rhoda Goldman Foundation 3%, Great Barrier Reef Marine Park Authority Award 1%
Nicole Price (University of California, Santa Barbara)	<i>US\$10,000: Indirect effects of differential herbivory on the recruitment of reef-building corals;</i>	ISRS/TOC 31%, Research Training for Graduates 16%, Keck Foundation 41%, Project Aware 2%, Sigma Xi 3%, PEARL Award 7%
Fabian Pina Amargos (University of Havana)	<i>US\$7,739: Conservation and movement of coral reef fish in Jardines de la Reina marine protected area, Cuba</i>	ISRS/TOC 31%, Oak Foundation 31%, CIEC Cuba 24%, WWF Canada 14%
Alette Yniguez (University of Miami)	<i>US\$7,739: Modeling reef macroalgal dynamics in the Florida Keys from the bottom up</i>	ISRS/TOC 36%, National Center for Caribbean Coral Reef Research 64%

The proportional funding they have gained is a tribute to their hard work and the matching power of the funding. For 2005 the ISRS is looking to gain greater leverage from the existing funding, to widen and deepen the purpose of the fellowships, which is for students to 'develop skills and to address problems related to relevant applications of coral reef ecosystem research and management'. I am very grateful to the ISRS Recording Secretary Peter Edmunds (who finishes this work in 2004) for the very hard work he has done to keep these fellowships going, and make the selection process merit-based, consistent, fair and appropriate to purpose; thank you Peter!

Nicholas Polunin  
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