

## Paul Galtsoff Industry Award *Paul Southgate, University of the Sunshine Coast, Australia*

Paul Southgate was recognized with the Paul Galtsoff Industry Award for his substantial contributions to the shellfish aquaculture industry

Throughout his long and varied career, Paul has made many outstanding contributions to science, undergraduate and graduate teaching, industry development, and livelihood improvements. Paul began his studies at James Cook University in larval fish nutrition in 1991, and has spent the last 34 years focused on tropical aquaculture with particular emphasis on pearl oysters and other molluscs, marine invertebrates, and marine ornamental species. He was the Principal Investigator for an internationally recognized research program to develop the culture of black-lip pearl oyster in the South Pacific region. This research was instrumental in the successful development of an industry sector in a number of South Pacific countries. He also contributed significantly to the development of the Darwin Aquaculture Centre, in the Northern Territory of Australia, as a hub for aquaculture research and development. Paul has been, and continues to be, a key collaborator and advisor with the Northern Territory Governments Tropical Rock Oyster Program, which has been forecast to result in a new sector worth \$351M (AUD) for northern Australia.

Very few Australian researchers have achieved the level of funding (\$23M AUD) as has Paul. He has been the recipient of Australian Centre for International Agricultural Research (ACIAR) grants for the entirety of his career, which is unmatched across all the agricultural programs of ACIAR. His grantsmanship and commitment to international development has successfully funded multiple international research projects in Africa, Mexico, Mauritius, the Philippines, Vietnam, Papua New Guinea, and many south Pacific countries, and he currently manages research activities in New Guinea, Fiji, Tonga, and Tanzania. Most recently, Paul has focused his expertise on the development of aquaculture-based livelihood opportunities for some of the poorest people in the world. This includes collaborating with Aboriginal partners in the economic development of the black-lip rock oyster, and the expansion and diversification of production and management systems for sea cucumbers in the Philippines, Vietnam, and northern Australia. His projects have also made significant contributions to industry-organization partners such as Worldfish and the World Wildlife Foundation.

His extremely successful funding of research programs has allowed Paul to supervise over 40 Ph.D. and 10 M.Sc. students. He prioritizes development of early career scientists, which is evident by the number of students who speak highly of his professional and personal guidance, and acknowledge the valuable contributions that Paul has made to their careers. His mentorship extends beyond students, as he has served as a valuable reviewer for the *Journal of Shellfish Research* for the past 20 years where he routinely helps authors with language issues, takes time to help with revisions, and sometime works with authors to rewrite papers.

Paul has a prolific publication record in top-tier scientific journals. In particular, the book, *Aquaculture: Farming Aquatic Animals and Plants*, that Paul co-edited with John Lucas and Craig Tucker, is the globally best-selling textbook on aquaculture since its publication in 2012. He has also authored (or co-authored) several book chapters, which have been instrumental in bringing aquaculture information to students, researchers, and members of the industry, and has underpinned his instrumental development of a successful and valuable aquaculture industry across Australia and the Indo-Pacific.

Paul is currently a Professor at the University of the Sunshine Coast in Western Australia, and is Deputy Director of the Australian Centre for Pacific Island Research where he manages a staff of five full-time research scientists, and is lead scientist in several international aquaculture research programs.

***Congratulations, Paul!***



*Galtsoff Awardee Paul Southgate (left) with colleague, Sheridan Rabbit (right).*



### The Paul Galtsoff Industry Award

*for outstanding leadership and contributions to  
the shellfish industry*



“The Paul Galtsoff Industry Award is given to individuals who have made substantial contributions at regional, national, or global levels, notably linking science with industry needs, and substantial outreach efforts, as exemplified by Paul Simon Galtsoff, a Russian immigrant whose scientific contributions still assist the U.S. oyster industry.” Most of us know his name through his 1964 monograph, *The American Oyster*, although he did much more.