



THE CRAWFORD FUND
For a Food Secure World

THE CRAWFORD FUND IN THE NORTHERN TERRITORY

SUPPORT US - PARTNER WITH US

About the Crawford Fund

The Crawford Fund is an Australian not-for-profit organisation that has been working since 1987 to support and help improve agriculture in developing countries.

In contrast to other groups working on agricultural technologies, our role is to:

- support specialist training activities of developing country scientists using Australian expertise;
- encourage young Australians in their international agricultural studies, careers and volunteering;
- encourage mentoring by Australian scientists volunteering or working in developing countries; and,
- raise awareness of how agricultural research in developing countries benefits not only the host country but also Australia.

The Fund is named after Sir John Crawford, an eminent Australian who was pivotal in Australia's post-war growth and embraces his belief that using agricultural research to alleviate hunger and rural poverty in developing countries can also give them the keys to economic progress, regional stability and sustainability.

The Crawford Fund operates nationally through its State and Territory Committees, which are serviced by a small central office. Committee members are volunteers who have strong experience in farming, agricultural research, policy and academia. The committees select and support the training proposals of relevance for their jurisdiction.

Overall our activities receive around \$1.6M/year in funding, from the private sector and individual donors as well as the Federal, State and Territory governments.

The Crawford Fund directs most of its funding to on-ground activities benefitting from a tremendous network of volunteers who are our committee members, mentors and trainers, to help keep our operating costs to a minimum.

We Invite You to Partner with Us

We invite your organisation to share in the mutual benefit that flows from the way the Crawford Fund 'does well by doing good' in developing agricultural productivity and know how. By partnering with the Fund you can help us build capacity to improve food and nutrition security in developing countries and the world, and boost the international network and knowledge of Territorians to improve Top End agriculture and expertise.

International agricultural research and development assistance are at once altruistic and self-interested with tangible and non-tangible benefits; and our involvement is of immense benefit to our international and trade relations.

We always welcome new partners and sponsors. You can work with us as funders, trainers or participants. The wider the network of skills the Fund provides from the NT, the greater the pool of knowledge and ideas we can share. And you gain, both directly and indirectly, by association and through new contacts and work. Donors also benefit through our 'deductible gift recipient' status.

"It's been proven that of all the interventions designed to reduce poverty, improving agricultural productivity is the best."

Bill Gates, founder of the Bill and Melinda Gates Foundation.



Mango training course participants testing mango dry matter and flower manipulation

The Crawford Fund in the Top End

The NT program was established in 2002 and places emphasis on training in areas that have particular relevance to Territorians and in giving young Territorians useful international experience.

Our NT training program works in areas relevant to Territorian agricultural industries and skills, and promotes international agricultural research in neighboring countries.

Our **conference scholar program** and **international agriculture student awards** encourage and support young Territorians in their studies, careers and volunteering in international agriculture.

The NT Committee Chair is Emeritus Professor Helen Garnett PSM, Former Vice Chancellor, Charles Darwin University (CDU), and Tania Paul, Team Leader Horticulture, CDU, is the Coordinator.

The following provides examples of how we've assisted young Territorians and some past activities undertaken in partnership with NT researchers and industry.

Encouraging the Next Generation in International Agricultural Development

An important element of our work is our efforts to encourage young people's interest in study, careers and volunteering around agriculture for development.

We support young Territorians through our conference scholar program and through our international agricultural student awards.

Our **conference scholarships** support young Territorians to our annual conference in Parliament House, Canberra, with an additional mentoring program and interaction with influential researchers, educators and volunteer agencies.

Our **international agricultural student awards** support young NT researchers to include an

international component to their studies.

Our most recent recipients of the conference scholarships and international student awards are Kim Hunnam, a CDU PhD student and Maddison Clonan, who works for the NT Department of Primary Industry and Resources.

Kim Hunnam is researching small-scale fisheries. Of the conference experience she reported:

"I really enjoyed the opportunity to meet and network with a diverse range of people, passionate about research aimed at improving food security and livelihoods across the world."

The presence of other students at various stages of their studies, early career researchers, as well as our mentors and other experienced scientists made for interesting conversation, and provided inspiration and motivation to continue working in this field."

For her student award, Kim participated in the September 2017 WorldFish Resilient Small-Scale Fisheries Symposium in Malaysia to help with her PhD on small-scale fisheries in Timor-Leste.

Maddison Clonan, also attended our 2017 conference, and travelled to Cambodia to be part of an Australian Centre for International Agricultural Research (ACIAR) project researching how to build a resilient mango industry in Cambodia and Australia. The project involved working with local researchers and farmers to develop production, harvest and post-harvest handling practices.

Our partnership with Researchers in Agriculture for International Development (RAID), which is hosted by the the Fund, adds more depth to these efforts.

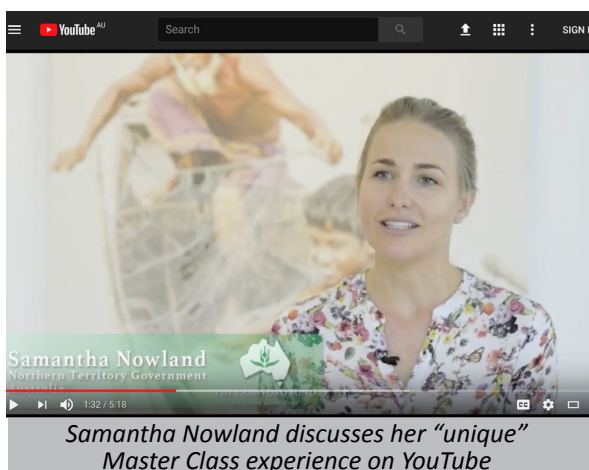
RAID aims to be an active network of motivated researchers who enhance each other's careers by sharing knowledge and opportunities related to agricultural research for international development.



Maddison Clonan teaching staff how to use new Infrared Spectrometer technology in Cambodia



Kim Hunnam in Timor-Leste doing fieldwork for her PhD which is focused on small-scale fisheries.



There is tremendous synergy between the Fund's scholars, travel awardees and volunteers and RAID, and we are pleased to be launching an NT branch of RAID in mid-2018.

Training of Agricultural Scientists

The Crawford Fund's training program has touched over 12,000 developing country agricultural scientists, extension staff and farmers in a diverse range of topics.

We use our significant Australian and international networks to develop intensive hands-on practical training in partnership with other Australian and international research, government, industry and academic agencies. Our training initiative for mid- or senior level agricultural specialists is under our **'Master Class'** training program. To date, around 50 Master Classes have been held for over 1000 people in countries across the Asia-Pacific and Africa, and in Australia.

Master Classes can consist of lectures, discussion sessions, video presentations, laboratory work and field visits. Skills covered include those relevant to research management and leadership; market access, biosecurity and food policy; sustaining agriculture's natural resource base; global change and risk assessment; science communication; soil management and genebank management.

Australians such as Samantha Nowland from the NT Government, can also be involved in our Master Classes. Samantha attended our Master Class in Research Management and Leadership, and after the training said:

"What's really unique about this Master Class is that it is so multicultural and you wouldn't get that anywhere else, and the effort that the leaders of the class really put into your own personal development, taking time, even outside of the class to follow up with you on different topics, I think is something really special."



Anna Luvu and Anne Maedia (Solomon Islands) and Maria Linibi (PNG) inspect floral arrangements

In our NT Committee supported **short-term training** of early career agricultural scientists, Territorian specialists and institutions are involved in training individuals or small groups either in Australia or overseas.

For example, we supported 17 researchers and academics from six universities (including CDU) to meet in the mountains in Central-West Timor, Indonesia, for a three-day academic writing workshop. Coordinated by Rohan Fisher, Dr Sarah Hobgen and Sam Pickering, the workshop was part of a DFAT-funded small-scale mining project on artisanal and small-scale mining for development in Eastern Indonesia.

The Crawford Fund has also supported training in Darwin to build capacity in natural resources and indigenous livelihoods for Indonesian participants. The course covered theory as well as hands-on activities around community-based enterprise development and sustainable livelihoods.

The Fund also partnered with ACIAR and Horticulture Innovation Australia Limited to support a comprehensive hands-on mango training program in Darwin to 38 delegates from Vietnam, Cambodia, Pakistan, Fiji, Philippines, Indonesia and Australia, across six scientific disciplines including production and biosecurity issues.

The NT Crawford Fund has also worked with its WA counterparts to deliver opportunities for plant biosecurity and quarantine training in East Timor, of vital importance to the country's food security, and, to regional biosecurity.

Training sponsored by the Crawford Fund helped women in Papua New Guinea turn their flower growing hobbies into successful business ventures. A workshop on 'Post-harvest treatment and marketing of tropical cut flowers' was led by Top End horticulturalist Jan Hintze and Maria Linibi from PNG Women in Agriculture. Around 90 growers, mostly women, learnt post-harvest care, quality control, and business and marketing skills.

And Then There's Mentoring

We also support a mentoring program which significantly strengthens our impact by allowing us to harness the expertise of mature researchers approaching retirement to mentor less experienced researchers both in developing countries and in Australia.

This program is an integral part of our long-term intention to make agriculture an attractive career perspective for young scientists, with multiple benefits for science both in Australia and in developing nations.

Territorians can be involved as mentors or as volunteers and we currently have work underway in Laos, Cambodia and Vietnam.

The Annual Conference

While we have public events, seminars and panel presentations around Australia, the Crawford Fund's highest profile activity is its annual conference which has been held for nearly 30 years in Parliament House, Canberra.

Our annual conference holds a key place in the development and food security calendar in Australia bringing into focus a food security issue worthy of global and Australian attention.

The 2018 Conference, *"Reshaping Agriculture for Better Nutrition: the Agriculture, Food, Nutrition Health Nexus"* will focus national attention on how we can feed and nourish the world's increasing population while minimising further environmental impact.

Work with Us

We can do more to bring reciprocal benefits to our Australian and developing country partners. Benefits to Australia and our developing country partners come from training, not only in courses but also through opportunities for active work on projects in relevant disciplines on-ground overseas.

The Chair of the Board of Directors is The Hon John Anderson AO, Former Deputy Prime Minister and Leader of the National Party. Previous Chairs have included The Hons John Kerin AM, Neil Andrew AO and Tim Fischer AC.

More Information

If you need more convincing, we can provide a range of additional background and materials, or you may like to check us out through:

Web: www.crawfordfund.org

NT web: www.crawfordfund.org/training/state-programs/nt-committee/

YouTube: www.youtube.com/user/CrawfordFund/videos

Twitter: [@crawfordfund](https://twitter.com/crawfordfund)

Facebook: www.facebook.com/CrawfordFund/

Our partnerships with industry lead to the development of more experienced, well-rounded scientists, who become more valuable and capable employees.

We Look Forward to You Partnering with Us

With willing and continuing support, we can do more to bring reciprocal benefits to our Australian and developing country partners.

Benefits come from training, not only in courses but also through opportunities for active work on projects in relevant disciplines on-ground overseas.

These build invaluable experience that later enhance the recipient's own workplace on his or her return to Australia.

Training and mentoring therefore helps the NT and local industries, as well as Australia and the developing countries involved.

To find out more, specific to your situation, about partnering with us, or to sponsor a young scientist from the Top End please contact:

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2017 Scholars Maddison Clonan and Kim Hunnam with NT's Crawford Fund Coordinator Tania Paul