



UC DAVIS AND THE PHILIPPINES – PARTNERS IN DEVELOPMENT

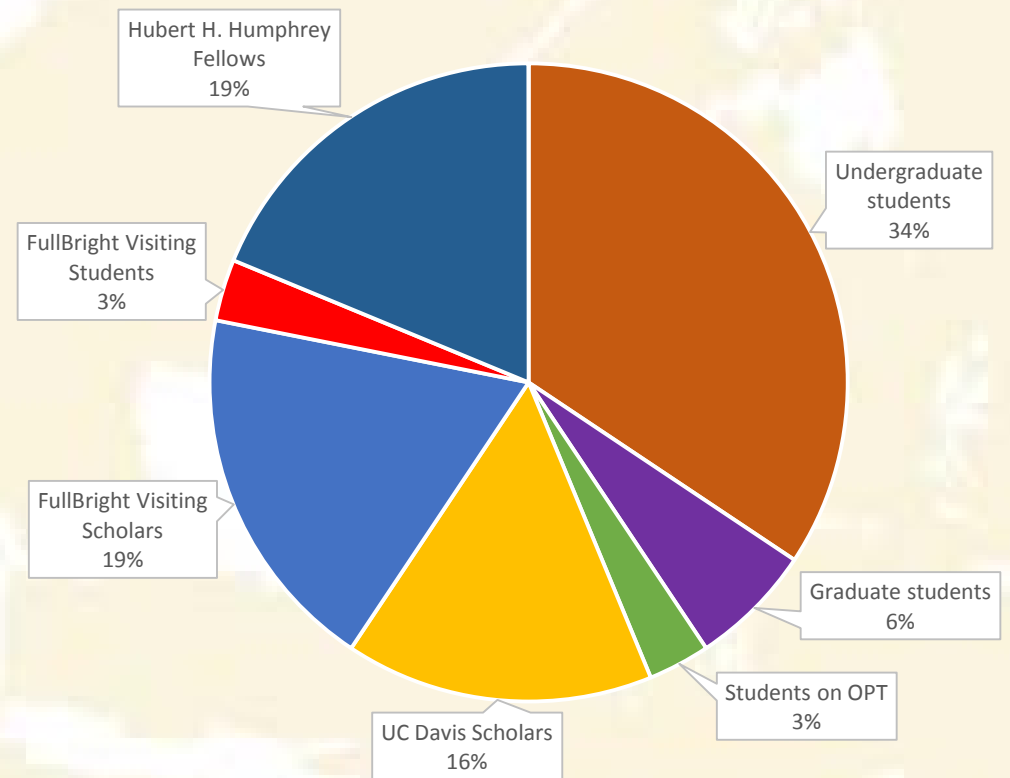
UC DAVIS AND THE PHILIPPINES

UC Davis has a proud history of partnering with universities and government organizations in the Philippines. Together, our researchers are finding ways to improve harvests, protect wildlife and improve quality of life for the poor. Since 2010, UC Davis researchers have co-authored over 70 scholarly publications with colleagues in the Philippines, in addition to many hands-on projects.

Together we have made new scientific breakthroughs, benefited from rich cultural and intellectual exchanges and helped to prepare the next generation of leaders with world-class teaching and training.

UC Davis is committed to strengthening out dynamic and fruitful partnerships in the Philippines and across Asia. As our university expands its presence in the region, we look forward to continuing our work with partners in order to increase knowledge, exchange ideas and positively impact society worldwide.

UC Davis Students and Scholars from the Philippines



INFANT CARE: HEARING FOR LIFE

In the Philippines, screening all newborn babies for hearing problems can be a major challenge, especially on remote islands. Without trained medical staff and modern facilities, many babies whose hearing loss could have been caught and remedied at a young age go undiagnosed.

Together with our partners, UC Davis pediatric telemedicine experts created a new hearing screening device. Paired with online courses, the device is helping medical staff in remote and poor areas to diagnose and take action to treat congenital hearing loss.

This collaborative project brought together the University of Philippines, Commission on Higher Education-Philippine-California-Advanced Research Institutes (CHED-PCARI) and UC Berkeley.



RESTORING SMILES

As one of the most common birth defects in the U.S., cleft lips and cleft palates in children are surgically repaired at an early age.

However, this is not always possible in the poorest and more remote parts of the Philippines, leaving some to live their whole lives with this defect.

As a professor and director of the UC Davis Cleft and Craniofacial Program, Dr. Craig Senders has been taking medical mission trips globally and assisting in the Philippines annually with his students. In a single trip, his team treats over 125 patients, changing their lives forever.



REMOTE MEDICINE INTERNS

Every year, the Global Health Internship program brings UC Davis students to the Philippines to serve on clinical rotations in rural and remote health clinics.

Students spend time in the excellent private and public healthcare facilities in the capital city of Manila to learn about the Philippines' healthcare system and urban health service and to become familiar with local culture. With mentorship from local health professionals at the WHO Western Pacific Regional Office Headquarters and the Department of Health, students are then sent out to serve in health clinics on remote islands.

Students take on clinical rotations on Alabat Island, Romblon Island or in a Barangay Health Station. Students learn about traditional healers, reproductive health, community health system management, and shadow local nurses and registered midwives with patient consults, live birth deliveries and immunization.





PROTECTING SEAFOOD SUSTAINABILITY AND PROFITS

The Philippines is one of the world's biggest producers of seafood, with a strong industry spanning marine fishing, aquaculture, and seaweed harvesting. While many consumers and NGOs are advocating for more environmentally friendly seafood production practices, it's important to fishermen that their bottom line is protected in the process.

That's where UC Davis researchers from the Coastal and Marine Sciences Institute come in. Our researchers are engaged in studying how to improve sustainability guidelines and projects so that producers can provide sustainable seafood without losing their livelihood. With frequent research

trips to the Philippines, our team is learning directly from fishermen, townspeople and government officials how different policies affect local economies, especially the poor. This holistic approach ensures that in the future, "sustainable" seafood products benefit the ocean as well as the people.

At the same time, our team of researchers is investigating how to show governments the true value of a healthy marine ecosystem. By calculating the economic "services" a health ocean provides for us, they are making a case that protecting the ocean makes us all richer in every way.

SUPPORTING AGRICULTURAL DEVELOPMENT

UC Davis' Research and Innovation Fellowship for Agriculture (RIFA) offers early-career professionals enrolled in agricultural and development-oriented graduate programs the opportunity to plan, engage and implement two to six month long international projects around the world.

RIFA Fellows collaborate with a host institution in the country they are working to develop robust projects that address global challenges in agriculture and food systems. Host organizations define the available opportunities and a fellow's collaborative work contributes integrally to the success and sustainability of ongoing projects and programs. Faculty mentors at the University of California also play an integral role, serving as resources and helping guide Fellows in their projects.

Projects in the Philippines have included:

- Helping to improve nutrition by sharing new research on the process of planting and harvesting important food crops
- Developing a farmer training program that teaches traditional techniques to build rice paddy terraces in Ifugao, helping farmers get the most efficient harvest from their land
- Helping construct school gardens to teach children sustainable ways to grow food





PRIVATE SUPPORT

Your support will help our collaborative teams of UC Davis and Filipino researchers explore new discoveries. We invite you to join us in expanding our projects in the Philippines and beyond.

For more information on private support, please contact Marina Tan Harper at mtharper@ucdavis.edu or +1 (530) 754-2021.