

30 OF RESTORING
YEARS **SIGHT**

THE 2022 PROJECTS FUTURE FUND

“I’m an optimist,
always, that the world
can be a better place.”

Professor Fred Hollows



WELCOME

It's 30 years since Professor Fred and Gabi Hollows established The Fred Hollows Foundation. We continue their work of eradicating avoidable blindness with a focus on the Pacific Region, thanks to the generosity of donors like yourself the vision of thousands of people has been improved. There is more to do, and we still need your help. The Future Fund demonstrates how your generous support can make a long-term difference.

During this time, we have begun to build a strong in-country eye care workforce, supporting the training of over 300 eye doctors and nurses, who in turn have saved the sight of thousands of people. None of that would have been possible without your support.

Your support alongside key partnerships like Ministry of Foreign Affairs and Trade have contributed over \$5 million to provide lasting, sustainable impact for eye care in the Pacific through Future Fund projects.

And it means that every year we can continue growing a sustainable local workforce so even more people across the Pacific can access the eye care they so critically need.

The global impact of COVID-19 has unequivocally shown that the health of a nation's population is central to every part of its social and economic fabric.

The ability to see is a cornerstone of a person's ability to live with dignity and independence.

When you give to the Future Fund you enable our teams in the Pacific to invest in the local eye-care workforce and restore sight today, tomorrow and years into the future.



PROJECT OF SIGNIFICANCE

PAPUA NEW GUINEA

Divine Word University is one of only two universities providing eye care training in Papua New Guinea (PNG). Currently there are only nine double units providing accommodation for 18 students who have travelled from all corners of PNG to complete their qualifications in eye health. As PNG has one of the highest rates of blindness in the world creating

sustainable impact requires more eye specialists. Upgrading the dormitory will not only improve the condition of the accommodation for current students but will enable us to turn the nine double units into 16 single units and support more people in PNG to become eye doctors and nurses for their community.

Introducing Moses Kombra

“My name is Moses and I come from the Western Highland province of Papua New Guinea.



One of the motivational factors that drove me to take up ophthalmology is to give hope of sight to rural communities. The eye is one of the vital body organs. I have a strong conviction that it was my calling to work in eye care.

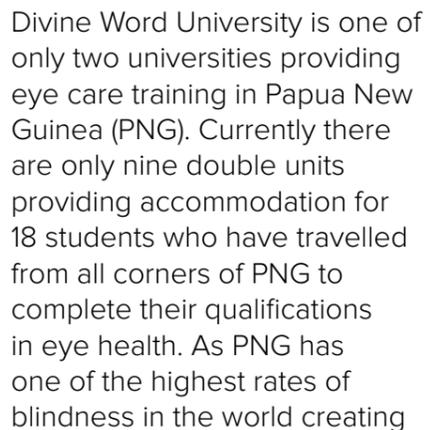
When COVID-19 arrived in PNG most schools were shut down to avoid close contact and transmission. Even though we were to isolate, we still had class online and that is one of the advantages. Our schedule of lectures was not affected and I completed the academic year successfully despite COVID-19, with the help of The Fred Hollows Foundation NZ.

As an ophthalmic clinician, I want to be among the few

Papua New Guineans to enlighten my national health department that eye care is an essential and critical service that has been overlooked. I also have the passion to teach other health workers to know more about eye care.”

Moses successfully completed his Advanced Diploma in Eye Care from Divine Word University, Madang at the end of last year and has already started seeing patients in the Jiwaka Province which is close to his home province.

To ensure other students like Moses have adequate accommodation facilities for their training, please support this much-needed upgrade project.



Divine World University – Dormitory Upgrade

Funding required
\$116,353

RESTORING SIGHT



It is estimated that at least 2.2 billion people around the world have a vision impairment, of whom at least 1.1 billion have a vision impairment that could have been prevented or is yet to be addressed. Our Pacific neighbours have some of the highest rates of avoidable blindness and the significant environmental challenges on top of a fresh wave of COVID-19 disruption have only seen eye care needs increase.

Our Pacific teams and partners have identified the following outreach support for 2022 to ensure that eye care remains accessible to their local communities.



Kiribati Outreach Support

Kiribati is one of the most remote and dispersed places in the world. Dr Rabebe and her team are needing support for two outreaches to deal with the backlog of patients in the Line Islands.

Funding required
\$40,000

Vanuatu Outreach Support

Vanuatu's growing backlog is of great concern as the country has had to deal with devastating cyclones over the past few years and COVID-19. The team has planned outreaches this year to help reduce the increasing eye care backlog.

Funding required
\$20,000

Fiji Mobile Eye Clinic

Since 2015, the Mobile Eye Clinic (MEC) has revolutionised access to eye care services. With a full range of medical equipment aboard, the MEC is a one-stop-shop for free eye checks, spectacles, cataract surgery, and services for a range of other eye conditions. This means it can stay in a location for longer than our outreach team, giving patients in remote areas better access to free high-quality eye care.

Funding required
\$170,000

Solomon Islands Outreach Support

Solomon Islands' remote and rugged country makes accessibility difficult. With the rise in diabetes eye disease, Dr John Szetu, our Medical Director and his team need outreach support to conduct eye tests so that patients with diabetes eye disease can be screened and treated faster.

Funding required
\$44,150

Papua New Guinea Outreach Support

With one of the highest rates of avoidable blindness in the world and the largest population in the Pacific Region, Papua New Guineans need significant access to eye care. Our passionate eye care team travel large distances providing critical services to remote communities. The team has requested our help to fund two outreaches to meet the overwhelming need for eye care in PNG.

Funding required
\$53,190

GRADUATE PROGRAMME AND HEALTH SYSTEMS SUPPORT



The eye care workforce in the Pacific is still small, stretched and geographically spread. The Foundation continues to support eye care specialists across the Pacific with professional development, equipment and mentorship. With nearly everyone needing eye care at some point in their lives, ongoing support is critical to ensure the growing eye care workforce has the tools it needs to ensure it's available to those in the Pacific.

The equipment below will be sent directly to eye doctors and nurses in the Pacific, to give them tools to help the growing list of people needing their help.



"I have been privileged to be given this opportunity by The Foundation to become an Ophthalmologist to serve my people in the Solomons and to do so with the late Fred Hollows' passion for mankind.

To be able to help the people in Solomon Islands means a lot to me on so many levels.

I can be a role model to young Solomon Islanders to continue to achieve their personal best, not just for themselves, but to bettering Solomon Islands.

On a family level it means that as a wife I can help my husband support our family and as a mother to three girls, show my children that women can do most anything they aim to."

**Dr Carole Poloso,
Ophthalmologist,
Regional Eye Centre,
Solomon Islands**

Samoa Equipment

The upkeep of the internal infrastructure of the operating theatre is of the utmost importance to ensure sterilisation of the room and equipment for the safety of patients.

**Funding required
\$53,190**

Solomon Islands Equipment

The team at the Regional Eye Clinic require some additional diagnostic equipment for comprehensive patient screening to ensure early detection of any eye conditions.

**Funding required
\$56,800**

Kiribati Equipment

A second slit lamp in the triage clinic is required so the team in Kiribati can review cases once patients have been seen.

**Funding required
\$16,225**

Vanuatu Equipment

Our clinics located in the outer provinces, some distance from the newly upgraded eye clinic in Port Vila, require essential items for their operating theatres.

**Funding required
\$34,925**



Fiji Equipment

Being one of first eye clinics in the Pacific, some of the eye care equipment throughout Fiji is needing to be upgraded or replaced to ensure the teams can continue to take care of the backlog of patients over the coming year.

**Funding required
\$134,240**

Please refer to the response form for full details on each country's equipment requirements. Please note, at the time of printing these essential items require funding, however this may change due to unforeseen circumstances.

TRAINING DOCTORS AND NURSES



Fred recognised that building a local eye care workforce was the most powerful way to address avoidable blindness and, through 30 years of restoring sight, this is still central to our work today. Our commitment to training local eye doctors and nurses with your support means that urgent and critical eye care can continue in the Pacific despite borders being closed due to COVID-19.



“Online webinars are important because we shared and learned from other experiences that motivate and upskilled our learning. With that this must not be stopped but must be continued for other learners after me and my colleagues.”

Frederick Silki, Divine Word University Advanced Diploma in Eye Care graduate 2021, Papua New Guinea.

Tonga

Clinician visit to Nuku'alofa Eye Clinic

Funding required
\$3,600

Kiribati

Oculoplastic assistance for Doctors, diabetes eye disease training for Clinicians and health promotions into communities

Funding required
\$35,500

GRADUATE PROGRAMME EQUIPMENT GLOSSARY



Retinal Camera Canon CR-2

A retinal camera takes photographs of the retina through the pupil (black part of eye). It is useful for many different reasons including viewing the blood vessels to assess for any damage due to diabetes.



Lensometer

The lensometer is an instrument used to verify the prescription of eyeglasses or spectacles. It is commonly used prior to an eye examination to obtain the last prescription the patient was given, in order to expedite the examination.



Stryker Bed

This operating bed is essential for cataract operations which can be adjusted; up and down and forward and back tilt of patient.



Ultrasonic Bath

Ophthalmic surgery uses very fine-tuned instruments and sometimes material may still remain after standard surgical cleaning. Soundwaves from this machine loosen this material which means nothing remains inside.



Vital signs monitor

The vital signs monitor measures pulse, blood pressure and the amount of oxygen in the blood. This is useful for the operating doctor to know that the patient is healthy and stable during the surgery.



iCare Tonometer

This measures the pressure inside the eye which is regulated by a fluid. The iCare tonometer does not need any anaesthetic and is portable.



Portable Slit Lamp

The portable slit lamp is a smaller version of a table mounted slit lamp. It is helpful if a patient cannot sit behind a table mounted slit lamp or to take on Outreaches.



Autoclave

The autoclave sterilises (kills the bacteria) on ophthalmic instruments using steam. B class uses a certain length and intensity of heat during its cycle.



Table Mounted Slit Lamp

This is used to look at the eye under magnification.



A & B Scan

This scan can take images of the eye using sound waves. It is useful to measure the distance between structures of the eye - which helps decide what intraocular lens power to use during cataract surgery. It is also useful in diagnosing certain conditions at the back of the eye when a patient has a dense cataract.





30 YEARS OF RESTORING SIGHT

As our committed eye care teams across the Pacific are working harder to eliminate avoidable blindness and impaired vision, your support through the Future Fund for these passionate eye care professionals will give them the tools for them to continue their work for many years to come. Thank you.

If you are interested in finding out more about any of these programmes, please indicate your interest in the enclosed reply form or contact Stephne Vaughan directly on **09 217 4914** or email **svaughan@hollows.nz**

