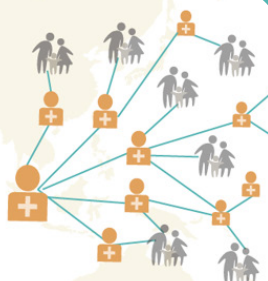


## OUR Exponential Reach of Healthcare Training in underserved regions of the world



### PHYSICIANS FOR PEACE'S STRATEGY



### EMPOWERS LOCAL HEALTHCARE PROVIDERS



### BUILDS COMMUNITIES TO BECOME SELF-RELIANTLY HEALTHY



## OUR MISSION

To educate and empower local providers of surgical care to alleviate suffering and transform lives in under-resourced communities around the world

## Continuing Our Mission

### In Malawi, PFP:

- Embedded a volunteer surgeon from January-March who provided training to 12 surgical trainees, evaluated 394 patients, and performed 124 surgeries.
- Continued the multi-year pediatric intensive care nurse training in Malawi with a two-week onsite training in February. Weekly Zoom calls, which have been occurring since 2017, support this effort.
- Staffs and supplies a dedicated operating theater where approximately 70 surgeries occur every year.
- Provides scholarships to surgical trainees and anesthesia providers.

### In Latin America, PFP is:

- Designing and executing relevant online courses unique to each of our nine Latin American partners to address their specific needs.
- Implementing portions of the *Jane W. Smith Regional Training* coursework online to begin training nurses in nine different countries. In-person efforts will proceed in 2021.
- Adapting to offer Advanced Burn Life Support certification online - a recognized accreditation for burn first responders.
- Creating a song with animated video designed to teach children accident prevention and safety at home.

### In the USA:

PFP is fortunate to be based in a community with a strong academic commitment to global health.

- In a new collaboration with the Old Dominion University, Dr. Leslie Hoglund and her students are completing a project to define the best impact metrics of our work.
- In our continued partnership with Eastern Virginia Medical School, students are working on projects to expand PFP's online learning resources and support work in the field.

### PFP has been working in Malawi since 2011.

- Fewer than 50 surgeons nationwide for a population of 19.2 million (10% of the target of 2 surgeons per 100,000).
- 30% of surgeries are canceled due to lack of anesthesia providers. PFP is undertaking new initiatives to expand anesthesia services.
- 53% of the total population is under 18. The first and only pediatric ICU opened in 2017.
  - In advance of the opening, PFP began (and is continuing) training the first cohort of nurses.
  - A PFP pediatric specialist oversaw the unit for the first two years, transitioning this year to a recently trained Malawian doctor.

## COVID-19 Response

### Physicians for Peace

- Ensured continuous, safe care in Malawi through the provision of Personal Protective Equipment and infrared thermometers.
- Enabled access to highspeed internet in Malawi so trainees can participate in exams and courses that have been moved online.
- In Honduras, Panama, and Colombia, provided PPE and testing supplies that enabled closed clinics to reopen.
- Has provided and continues to develop COVID-19 best practice trainings, discussions, and webinars for healthcare providers around the globe.



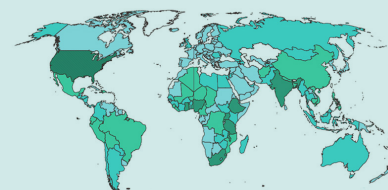
Prof. Eric Borgstein (right) and Dr. Tilinde Chokocho (left) stand in front of the initial shipment of PPE at the Central Hospital in Blantyre, Malawi.

### In the Aftermath of COVID-19

When restrictions are loosened, PFP will again work on-site around the world. As we continue our effort to Teach ONE, Heal MANY, our activities are evolving to address the most immediate needs.

The pandemic has shed light on strengths and shortfalls in healthcare systems worldwide. PFP will be embarking on a thorough study of needs of current partners and assessing new partnerships to revise existing training programs and creating new ones with global priorities in surgical, obstetrics, trauma, and anesthesia care.

### SURGICAL CARE FOR ALL!



## Dr. William Muronya's Story

It's Tuesday morning at Kamuzu Central Hospital, the only referral hospital in Malawi's central region. Dr. William Muronya has been briefed on the happenings of the last 24 hours and is completing his ward rounds. Afterward, he will oversee the general surgery clinic, treating as many as 30 patients in the next 3 hours, while simultaneously offering instruction and tutorials to undergraduates and medical students. **William is one of only four general surgeons at Kamuzu Central Hospital**, which serves 7.5 million Malawians and is chronically short-staffed. As such, he routinely exceeds his allocated work hours attending to his clinical and teaching responsibilities. In addition to 2-3 full days in the operating theatre and also conducting 2 outpatient clinics, he is on call as many as six times per month for emergency surgeries. The work is strenuous, and the needs are great, but **William is a man who, since his youth, has assessed where needs are greatest and risen to the challenge.**

In high school, William excelled academically. He considered becoming an accountant and his parents asked if he could envision that as his life's work – if he felt love and passion for that role. He did not. Even at a young age, **he could see the great need for trained physicians in his country**, and he felt called to that work. His parents asked, "Why not go for it?" With the support of his parents and older siblings, he did just that.

### William recently became the second PFP scholarship recipient to complete the five-year post-graduate program to become a surgeon.

Unlike programs in the U.S., specialty trainees (residents in the US) do not earn a living wage. There is no financial aid system, making access to medical programs prohibitive without scholarship. He notes, **"I am very grateful to Physicians for Peace, for not only the financial support but also the mentors that they provided along the journey."** He has aspirations to subspecialize in urology because currently the central region does not have a urologist.

In the spirit of his parents' question at the beginning of his studies, William asked himself, **"If I don't do it, who will?"**

During William's second year of training, he found a mentor in Dr. Gert Montagne, a PFP volunteer surgeon. While William looks forward to a future when Malawi has better resources to provide medical care, **he credits Dr. Montagne for educating him to effectively treat patients without the resources most surgeons** in other parts of the world take for granted. He adds, "training in your local environment is very important ... because... there are some pathologies (in Malawi) that are quite different, according to the parts of the world one is coming from."



Dr. William Muronya, Malawi Registrar (surgical resident) training with Dr. Dan Aronson, PFP volunteer

Today, Malawians are travelling up to 600 kilometers to Kamuzu Central Hospital for surgery, because there simply are no surgeons in their local hospitals. The lack in resources is wide reaching, but **the greatest need is human resources – there are simply too few trained doctors to care for Malawi's growing population.** This lack of doctors becomes acutely evident during a crisis. Recently, 3 of the 4 general surgeons at Kamuzu were held in quarantine due to possible exposure to COVID-19, leaving only one surgeon for the hospital, which serves the 7.5 million people. During their quarantine, an ethical dilemma was magnified for them – would it have been better to risk spreading the virus in order to meet the overwhelming needs of their patients? In a country where physician shortages are so profound, it does not take much to severely disrupt the system.

William's contributions to the health of Malawians is a testament to PFP's mission - he is healing many. Perhaps most importantly, the impact of William's training is exponential. William thrives in his role as an educator, a value instilled during the training with PFP volunteer doctors. The workload is sometimes overwhelming, with lectures often postponed so that he can attend to a surgical emergency, but **William's commitment to educating future surgical professionals will carry his work well into the brighter future of health in Malawi.** That's the power of **Teach ONE. Heal MANY.**