

# UPLIFT



**OHANAONE**<sup>™</sup>  
INTERNATIONAL SURGICAL AID & EDUCATION



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# OHANA



**Caring for the patient  
helps one patient,  
training the surgeon  
helps thousands of  
patients.**

# OHANA ONE

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## MISSION

Ohana One's mission is to establish long-term sustainable surgical training programs utilizing mentorship relationships and advanced technology to elevate and expand safe surgical care in resource-scarce locations.

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## VISION

Our vision for the future is a world where every surgeon has equitable access to advanced surgical training, mentorship, innovative technology, well-being programs, and educational resources.



# Dear Ohana One Community

**I am pleased to introduce the 2023 Annual Report, a testament to Ohana One's strides in advancing surgical care worldwide in alignment with the UN 2030 worldwide surgical goals.**

Throughout the year, our endeavors thrived. We proudly released the award winning documentary *The Ten Thousand Mile Bridge: Closing the Surgical Gap in Sub-Saharan Africa*, showcasing our impactful work in Mozambique, where we fostered surgical education and collaboration through mentorship and technical assistance.

Additionally, we conducted three webinars highlighting our esteemed partners and our collaborative efforts globally. Our presence at conferences furthered our mission, allowing us to spotlight Ohana One's work and forge valuable partnerships.

Central to our mission, mentorship remains pivotal. Our innovative Surgical Sight Program seamlessly integrates mentorship with state-of-the-art technology, revolutionizing the global exchange of surgical skills. In 2023, this program expanded to 52 countries, benefiting 182 surgeons and directly impacting over 2,600 individuals.

Our commitment to mental wellness for surgeons persists, with ongoing development based on direct feedback from practitioners worldwide.

Furthermore, our in-person mission to Mozambique underscored our dedication to empowering communities and building sustainable surgical capacity. This immersive experience reinforced our resolve to champion accessible healthcare globally.

As we move forward, guided by our mission to establish sustainable surgical training programs and our vision for a world where every surgeon has equitable access to advanced training and resources, we are grateful for the support of our donors, volunteers, and the entire Ohana One family. Your belief in our vision fuels our success.

Warm regards,  
David Kulber, MD  
President, Ohana One Board of Directors



*Co-Founder and Board President Dr. David Kulber during a mission trip to Mozambique in 2023.*

# OHANA ONE 2023

**1820 patients**

benefited from Ohana One training.

**780+ calls**










completed using Ohana One supported technology.



**80 teams**

of mentor/mentee pairs coordinated with surgical education support.

**9 surgical specialties**

-  Plastics + Reconstructive
-  OBGYN
-  Urology
-  Neurosurgery
-  General + Colorectal
-  Orthopedics
-  Cardiotheoracic
-  Otolaryngology
-  Ophthamology

**144 hospitals**

where Ohana One introduced surgical training technology.

**55 NGOs**

supported and partnered with to bring surgical education across the globe.

**52 countries**

reached with Ohana One program support.



Co-Founder and Board Secretary Kylie Tanabe, PA during a mission trip to Mozambique in 2023.

## PARTNER COMPANIES



## PARTNER NGOS



**Ohana One's partnerships are vital in fulfilling our mission to establish long-term sustainable surgical training programs. By collaborating with hospitals, NGOs, and businesses, we harness a wide range of expertise and resources that directly contribute to Ohana One's ability to provide mentorship and utilize advanced technology.**



### Telepresence ecosystem for healthcare professionals

#### ABOUT THE PARTNERSHIP

Through this immersive partnership, Ohana One leverages TeleVU's connected care ecosystem, using augmented reality, artificial intelligence, and IoT devices to provide remote medical assistance, creating an integrated network optimized for access and equity, ultimately breaking down geographical barriers and improving patient outcomes through real-time guidance, support, and collaboration.



### Scalable mentorship is the future of surgical education

#### CASE STUDY: JAFRUL HANNAN, MD

Dr. Hannan uses the glasses daily to train up to eight surgeons remotely on pediatric laparoscopic procedures; in one year, 12 mentees from Cuba, Ethiopia, Pakistan, and Bangladesh earned certificates, highlighting Ohana One's potential to leverage this certification process and scale rapidly through a feasible model of granting and providing discounted rates for future equipment and licenses.



### Creating a precious cycle of mentors becoming mentees

#### CASE STUDY: DEREK JOHNSON AND BENJAMIN WARF, MD

This pediatric neurosurgery partnership aims to double its impact by training 10 surgeons in 2024 and expanding from 12 to 20 centers in various countries. A female neurosurgeon mentee has become a mentor. We have learned that leveraging ScreenVU for this organization has been a game-changer since the glasses were not suitable, with a grant and discounted equipment model.





## LAUNCH PARTY

*The Ten Thousand Mile Bridge: Closing the Surgical Gap in Sub-Saharan Africa*, delivers a profound message: that obstacles can be surmounted when compassionate individuals unite, bolstered by the wonders of technology. It reminds us that the world holds the potential for improvement, and collectively, we can enact change. Filmed and directed by board members Jay Roach, Sharon Oreck, and Bill Pope, the documentary debuted at the beautiful home of Steven and Jo Fogel. With over 100 supporters present, an introduction by Annette Bening, and a noteworthy appearance by Dr. Pedro Santos, the event was a resounding success — raising a record \$1 million dollars because of a matching grant from a significant, generous and lovely donor.

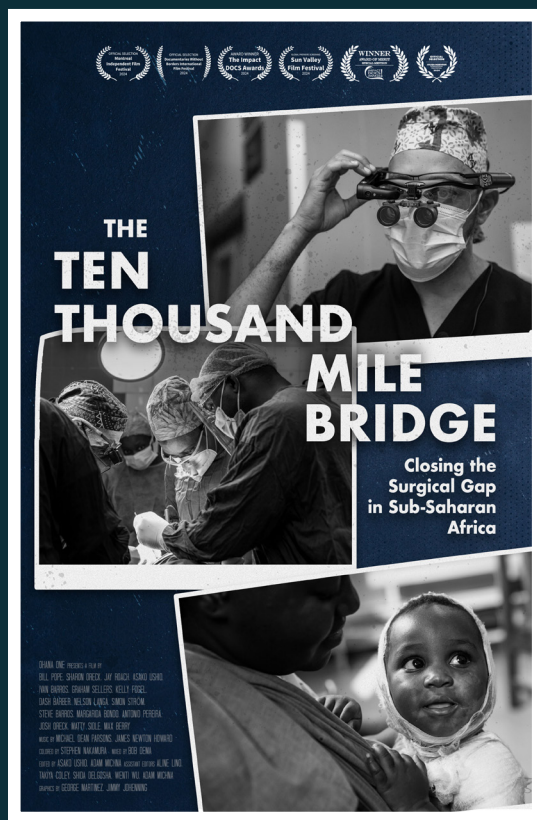
Scan here to watch the trailer



PRESENTING THE OHANA ONE DOCUMENTARY

# THE TEN THOUSAND MILE BRIDGE

*Closing the Surgical Gap  
in Sub-Saharan Africa*



The Ohana One documentary, *The Ten Thousand Mile Bridge: Closing the Surgical Gap in Sub-Saharan Africa*, is more than just a film; it is a call to action. It aims to raise awareness and engage audiences with the healthcare crisis in Mozambique, capturing the real and moving stories of local doctors struggling within a resource-strapped system. The film showcases their frustrations and resilience, highlighting their unwavering fight to make a difference.

As the camera pans through the hospital, viewers witness the stark reality: mold-covered walls, empty shelves, a severe shortage of nurses, and patients enduring painful procedures without anesthesia. This distressing picture highlights the economic challenges and limited access to surgical care. However, Ohana One offers a solution by training local doctors through technology, emphasizing the importance of mentorship and the impact of innovative tools.

The documentary focuses on Ohana One's mission to empower local doctors and create firsthand experiences with patients. The goal is to inspire investments in these areas to tackle the global shortage of surgeons and promote efficient solutions for humanity's betterment. Ultimately, the documentary conveys a powerful message: challenges can be overcome when people with good intentions unite, supported by technological advancements, to transform lives and empower communities worldwide.



# MISSION TRIP *to Mozambique*

## Our Work

Our team was made of **7 medical volunteers**, **4 documentary filmmaking volunteers**, and **5 non-medical volunteers**. We operated in **3 hospitals** in Mozambique. Our team worked tirelessly to provide **complex surgery to 15 children and adults**, worked in the burn unit for inpatient care, and at the same time provided training to the local doctors, nurses and residents.

We took every opportunity to teach in the operating room and burn unit, led journal clubs with plastic surgery residents and surgeons, and conducted formal educational sessions. During our mission week, we saw approximately **80 patients**.

Because of a private donor, we are proud to have hand carried a Starlink Wi-Fi device to Mozambique – the VERY FIRST Starlink to be licensed in Africa!



## Team

Our team of volunteer surgeons, a pediatric anesthesiologist, a physical therapist, nurses, and PAs operated at three hospitals: Maputo Central Hospital, Maputo Private Hospital, and Matola Provincial Hospital. We performed life-saving and limb-salvaging surgeries, including burn contracture releases, expansive burn debridements, post-traumatic eye reconstructions, nasolabial/columella flap reconstructions, complex hand mass excisions, tissue expander placements for facial reconstructions, and various debridements and skin grafts for burn patients.

The nursing and physical therapy team provided in-person training on wound debridements, dressing changes, wound care, splint application, sepsis and shock education, and post-surgical care. By the end of our trip, local medical trainees could perform most procedures independently.

Our team included Dr. David Kulber (Plastic and Reconstructive Surgery, Cedars-Sinai Medical Center), Dr. Michele Dee (Anesthesiologist, Cedars-Sinai), Kylie Tanabe (Physician Assistant-Plastic Surgery), Sandra Rodriguez (Registered Nurse), Nia Mesah (Physical Therapist), Katie Osborn (Registered Nurse), and Kim Souza (Hand Surgery Fellow).



## Partners

We received **\$711,076 in in-kind donations** for supplies and equipment we used during the mission.

Thank you to MTF Biologics for donating cell dressings which drastically expedite healing for burn victims.

We also appreciate InvinciKids for helping introduce VR solutions to our surgical missions and beyond.

Our partners ReSurge and Health Collaboration Center helped make this mission possible.



## Continued Support

Ohana One is committed to the sustainable, year-round training of medical knowledge and surgical skills. In Mozambique, we conducted daily educational sessions, formal presentations, journal clubs, and training in hand and plastic surgery. The deployment of the Starlink device will provide reliable Wi-Fi to the hospital residents and surgeons, a resource they previously lacked.

Post-mission, Ohana One continues journal clubs and live-surgery training using Starlink Wi-Fi and smart glasses. Our ongoing research project, "Analgesic Use of Virtual Reality for Burn Dressing Changes in Low/Middle-Income Countries," involves 17 patients and explores pain management with virtual reality glasses. We deeply appreciate our donors, sponsors, and partners whose support made this training, resources, and surgical care possible for the people of Mozambique.



# MISSION TRIP *to Mozambique*



## PATIENT HIGHLIGHT

# Niyara

This little girl is 7 years old and was born with a mass on her palm. Over the years it has grown rapidly in size to the point of being the size of a baseball. She couldn't use her hand because every time it would rub against something it would open up and grow even larger.

Due to the complexity of the case with it being a vascular tumor, she hadn't had it operated on. But with the help of smart glasses, Dr. Pedro Santos and Dr. David Kulber were able to operate on her together and finally have the mass completely removed! During follow-up with the smart glasses, she is doing amazing and now has full function of her hand to be able to play, write, and be a kid again! We were able to use the donated MTF cadaveric dermis tissue during her surgery, which ended up completely healing her hand without the need of a skin graft or any contracture!!



Dr. Santos and Dr. Kulber in 2018



Dr. Santos and Dr. Kulber in 2023

*From Mentee to Mentor*

# DR. PEDRO SANTOS

**Dr. Pedro Santos's life took a significant turn when he crossed paths with Dr. David Kulber, whose mentorship became pivotal in shaping Dr. Santos's career trajectory. Initially, the mentorship happened when Dr. Kulber traveled to Mozambique.**

With the introduction of smart glass technology, Dr. Santos found a means to continue his educational journey, even after Dr. Kulber physically left Mozambique. Their collaborative efforts not only transformed Dr. Santos's professional life but also served as the inspiration that led to the establishment of Ohana One. Dr. Santos's professional journey exemplifies the profound impact of mentorship and technology in empowering dedicated and skilled surgeons facing resource constraints. Under Dr. Kulber's mentorship, Dr. Santos has honed his skills and cultivated a deep sense of support and confidence. As a result, Dr. Santos has grown his expertise and is now mentoring three residents. Dr. Santos is contributing significantly to the advancement of surgical expertise in Mozambique and beyond as a result of the training and support he has received.

# WEBINARS & CONFERENCES

## AI Med Conference

Ohana One's booth hosts, Cristina Farrut, Sidra Bugsch, Jeanne Bray, Susan Popler and partner host, Farbod Abolhassani from TeleVU were able to attend keynote speeches, panel discussions, workshops, and presentations on topics such as medical imaging, diagnostics, predictive analytics, personalized medicine, and more.

## GMHC Conference

Ohana One's booth captivated visitors with interactive learning experiences, featuring hands-on assembly of a plastic skull and a suturing station, while the highlight was mentor/mentee simulation demonstrations led by Executive Director Marchelle Sellers, Medical Missions Manager Cristina Farrut, and Partnership Manager Jeanne Bray.

## GASOC Conference

Ohana One was honored to be a Silver Sponsor at the prestigious GASOC conference. The conference provided a unique platform for Dr. Michele Dee to share the mission of Ohana One and our innovative partnerships with Vuzix and TeleVU. This event brought together approximately 350 delegates from 49 online and in-person countries, with over 400 attendees.

*Pictured, Founder and CEO of TeleVU Ryan De'Larami giving a demo of how AI is being used by TeleVU at the AI Med Conference.*



BACKPACK EMR

## Technology on Surgical Missions and Small Clinic Settings



Hear from Lori Most, the Founder of Backpack EMR on how the Backpack EMR technology is useful in situations where there is low bandwidth settings and when your patients are unable make it to the clinic in person to receive the healthcare they need.



OHANA ONE

## The Roles of Virtual Reality and Tech in Surgical Education



Marchelle Sellers, the Executive Director of Ohana One International Surgical Aid, will be introducing various ways in which technology plays in advancing surgical training and education. From Smart Glasses to VR Technology, the opportunities are endlessly innovative and exciting.



IMMERTEC

## Breaking Barriers with Immersive Surgical Training



Ohana One hosted a webinar with Immertec, an immersive peer-to-peer collaboration platform that is breaking barriers with immersive surgical training. Marchelle Sellers, Executive Director of Ohana One International Surgical Aid & Education introduced Jordan Gorrochotegui, Product VP, and Matt Wheeler, Chief Operating Officer who discussed their platform, its features, and how Immertec can advance remote surgical education at scale.



OHANA ONE

## Remote Laparoscopy Training in Bangladesh



During this session, Dr. Jafrul Hannan presented his Remote Laparoscopy Training module, an extension of the mentorship training that promotes interactive participation from mentees. This approach engenders an immersive experience, virtually placing mentees in the operating theatre and fostering a rich learning environment.

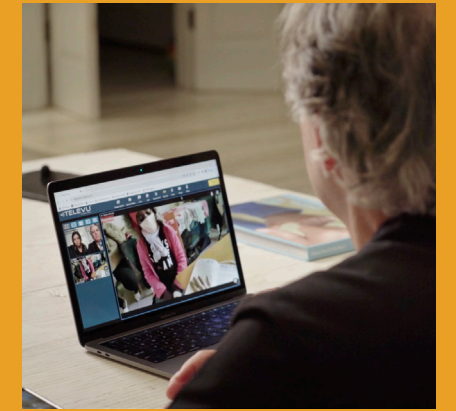
# LOOKING AHEAD



Increase engagement through relationships with partner organizations, like-minded philanthropists, and a caring community of individuals to create a global community of surgeons.

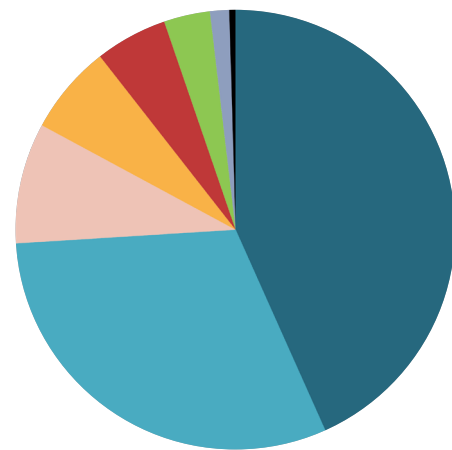


Continue to invest in a network of surgeons to build a sustainable and connected global surgical community.



Utilize new and established technology to bridge the gap between these surgical professionals, thereby reducing distance as the primary barrier to year-round training.

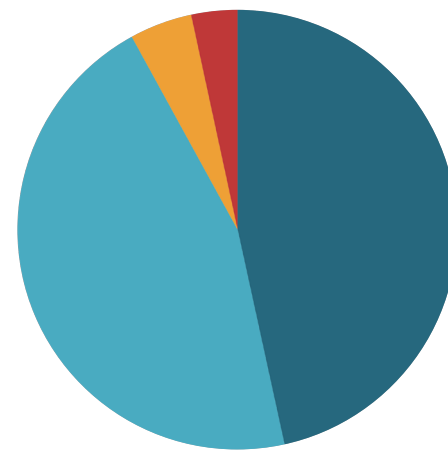
## FINANCIALS



### DONATIONS & REVENUE

|                         |           |
|-------------------------|-----------|
| In-Kind Donations       | \$711,076 |
| Grants                  | \$504,000 |
| Fundraisers             | \$145,510 |
| Board Donations         | \$107,807 |
| Pledges & Donations     | \$87,005  |
| Client Management       | \$55,713  |
| Product & Revenue Sales | \$23,071  |
| Interest Earned         | \$7,630   |

TOTAL DONATIONS \$1,641,812



### EXPENSES

|                       |           |
|-----------------------|-----------|
| Direct Program Budget | \$728,902 |
| In-Kind Expenses      | \$711,076 |
| Fundraising           | \$71,860  |
| Admin                 | \$53,129  |

TOTAL EXPENSES \$1,564,967

### EXECUTIVE BOARD



**David Kulber, MD**  
President & Co-Founder



**Michele Dee, MD**  
Immediate Past President & Co-Founder



**Kylie Tanabe, PA-C**  
Board Secretary & Co-Founder



**Adrian Ashkenazy**  
Vice President



**Susan K. Laffer**  
Treasurer

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Jay Roach  
Sandra Rodriguez, RN  
Karissa Sharifan  
Robert Uhlener

### ADVISORS TO THE BOARD

Joyce Brandman  
Andrew Freedman, MD

*Photographs by Kelly Fogel*

### TEAM

Marchelle Sellers, MBA  
Grace Berglin  
Maggie Bohlman  
Jeanne Bray  
Theodore Brown  
Sidra Bugsch  
Rachel Buigas-Lopez  
Flávia Cavicchioli  
Megan Demijohn  
Tarek Elshayal  
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Nikitha Garapaty  
Megan McCullough, MD  
Bevin Metzger  
Kamala Pillai  
Susan Popler  
Edward Ray, MD  
Marvee Turk, MD  
Eva Williams, MD



## **Your donation will impact the lives of patients and surgeons worldwide!**

Do you believe every person deserves access to the very best surgical care regardless of where they live? Do you believe that surgeons should have access to the very best training regardless of where they practice and live? If you do, then please make your tax-deductible donation to Ohana One, and make a direct impact on the health and lives of patients worldwide.

**ohanaone.one** | [info@ohanaone.one](mailto:info@ohanaone.one)