



Shavini Fernando, B.Sc., M.B.A., M.A.

Founder & CEO

shavini@oxiwear.com











Jamie Wood, B.Sc., PhD.

Commercialization & Scientific Officer

jamie@oxiwear.com





EAR WEARABLE









FOR CONTINUOUS IN-MOTION OXYGEN MEASUREMENTS ACROSS ALL SKIN TONES





CONTINUOUS BLOOD OXYGEN MEASUREMENTS



LOW OXYGEN LEVEL ALERTS



EMERGENCY TEXT ALERTS



PULSE OXIMETER

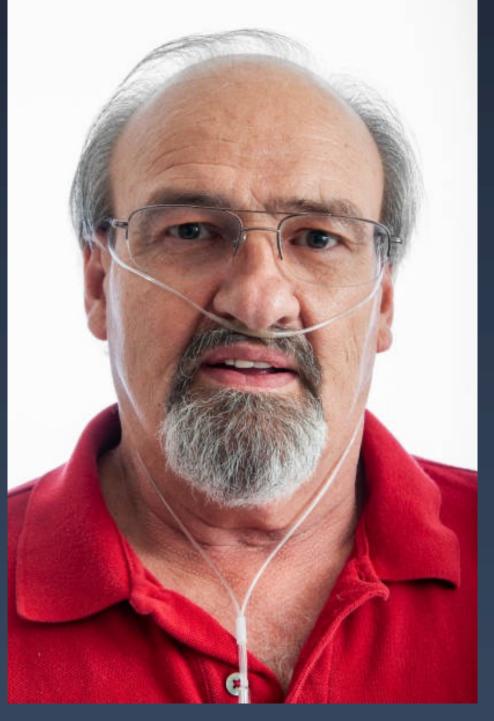
COMPETITOR ANALYSIS

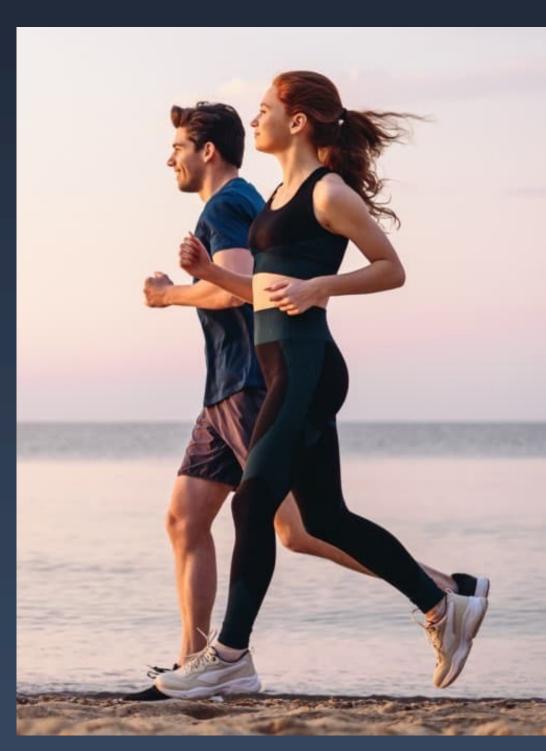


BARRIERS TO OBTAINING QUALITY OXIMETRY

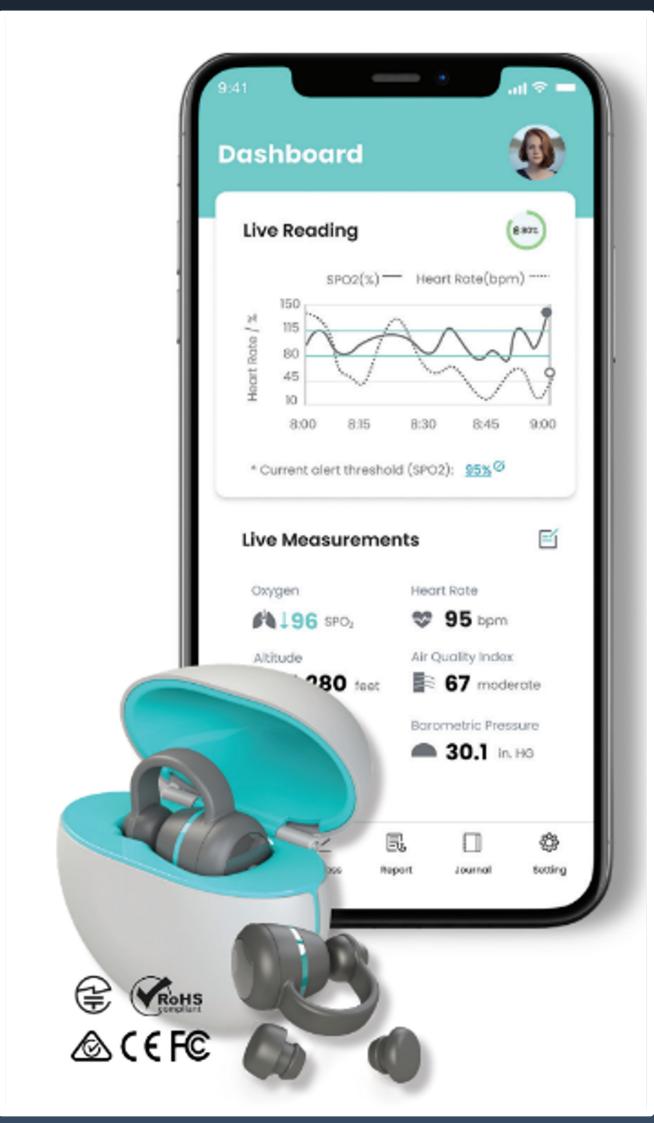








- Nail bed and thick skin on fingers
- Poor/loss of signal during motion
- Cold hands/poor circulation
- Dark skin tones





OXIWEAR DEVICE SPECIFICATIONS

Current features (V3)

- Continuous, real-time SpO₂
- Pulse rate
- Location-based environmental data
 - Altitude Air quality
 - Humidity Barometric index
- Haptic alerts
 - User-defined SpO₂ levels
- Emergency Text Alerts
- Web-based clinician/coach dashboard
- Second by second data export
- Sweat-proof
- Water-resistant
- Easy to disinfect/clean
- V4 in development with further vitals to be added



TESTING AND ACCURACY

Accuracy vs blood gas analysis completed at the Hypoxia Lab, University of California San Francisco, by Dr. Philip Bickler, MD PhD, and Dr. John Feiner, MD.

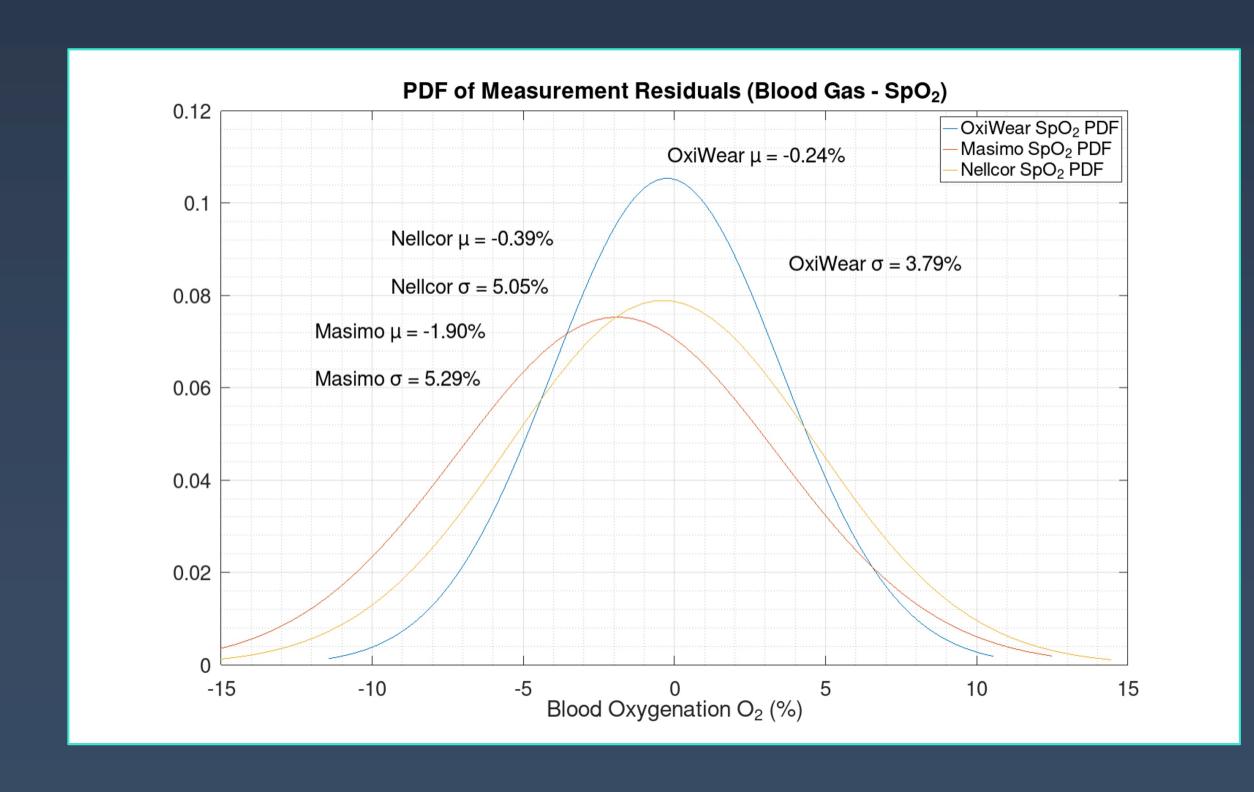




HYPOXIA LAB

Leading the world in hypoxia research





Successful validation of the accuracy of OxiWear to measure blood oxygen levels in healthy participants, leading to FDA 510(k) clearance as a Class II medical device in late 2024



TESTING AND ACCURACY

Demonstrated accuracy with no motion, during motion, and at low perfusion, in people of all ages, sexes and across all skin tones

Performance Parameter	Condition	Arms
Spo2 Accuracy	No Motion (70%-100%)	±3.4%
	Low Perfusion (70%-100%)	±2.43%
	Motion	±1.74%
Pulse Rate Accuracy	No Motion (25-250 BPM)	±1.14 BPM
	Low Perfusion (25-250 BPM)	±1.24 BPM
	Motion	±3.62 BPM
Display Parameter	Range	
Spo2	0% - 100%	
Pulse Rate	25 - 240 BPM	



MARKET

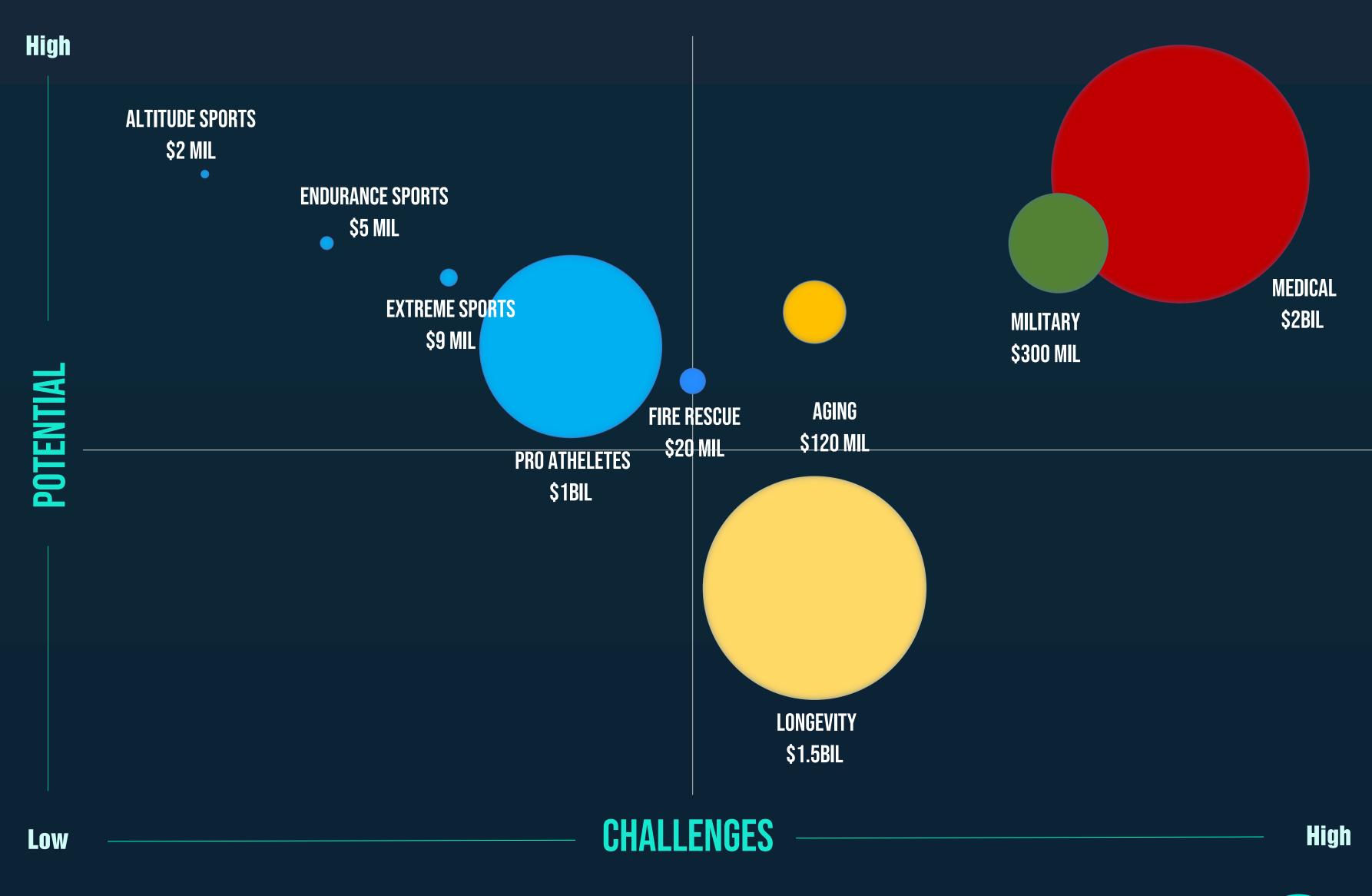
TAM
Global Market

\$442.5B

SAM US Market \$20B SOM \$5B

Focused Customer Groups

- 1 Pro-Consumer
- 2 Medical
- 3 Military
- 4 Longevity & Aging





OXIWEAR AS A SOLUTION

Current monitoring solutions are unable to be worn or are ineffective in training or performance at altitude













Small, lightweight and ear-worn to keep hands free

Provides accurate real-time data during motion

Haptic alerts for low oxygen levels

12-hour battery life, charging in under 30 mins



RESEARCH AND DEVELOPMENT



OxiWear aims to:

Continue refining algorithms to improve early detection of AMS and DCS

Connect with oxygen equipment and pressurized suits to trigger a protective change based on the physiological response to altitude

Expand emergency alert systems to integrate into current communication systems

Further minimize device size with improved IP rating, allow for wired connectivity if required



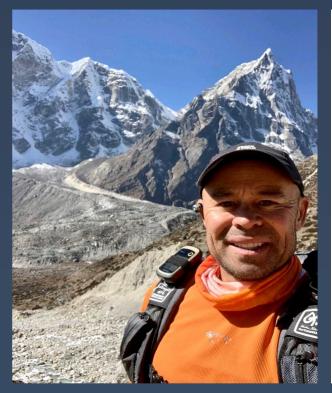
HIGH ALTITUDE ATHLETES



OxiWear is providing Apex with devices for continuous, hands-free measurement of SpO2, allowing athletes to track performance, stay within performance zones, and ensure blood oxidation does not hit critical levels at altitude.

OCR Mount Everest required competitors to Climb to 29,032 feet as fast as possible, which requires continuous, reliable oxygen measurement to avoid life threatening conditions such as HAPE and HACE.

OxiWear was the only SpO2 device that worked all the way to the summit.



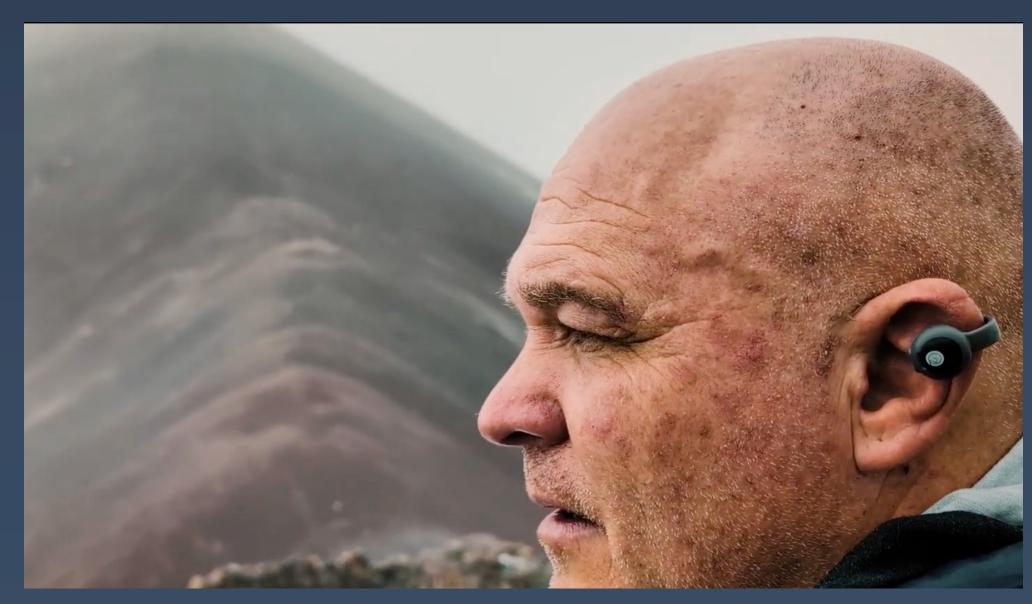




KILIMANJARO & RAINBOW MOUNTAINS



Dave W Pickles and a team of adventurers reached the summit of Mount Kilimanjaro and trekked the Rainbow Mountains in Peru, using OxiWear for safety and performance throughout both journeys.





TEAM

OxiWear



SHAVINI FERNANDO



Founder, CEO

BSc Comp UOP, MSc Comp UNSW, MBA ECU, MA ComTech GU

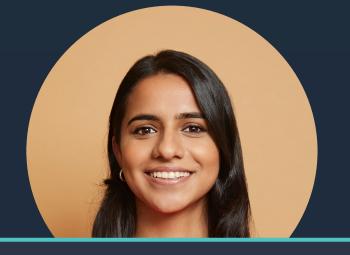








AMANAT ANAND



Head of Operations

BFA in Industrial Design















BS Electrical Engineering UoB







MICHAEL BONCALDO



BS in Mechanical Engineering







JAMIE WOOD



Commercialization & Scientific Officer

BSc. (Physiotherapy), PhD







YA ZHANG



Lead UX Designer

BSc (ComSci), MSc (ComSci), MA (CCT)







TODD KOLB, MD



Pulmonary & Critical Care, M.D. Ph.D.



KEE WILCOX



Senior Mech. Engineer

BS in Mechani Engineering











TEAM

Board of Directors



HEMANT KANAKIA









RAM BOREDA







MIHIR PATEL MD.







RAJESH RAI





Board of Advisors



TED LEONSIS



GREG ERMAN



ASHLEY JONES



ASA TAPLEY MD, MSC



MICHAEL LEDECKY



ANDREW WILLIS



TRISHUL PATEL

















































Partnerships



UCSF HYPOXIA LAB IRB and Clinical Testing Partner



METHOD SENSE FDA Filing Partner



93 patents issued

31 Pending

\$500,000+

Revenue Since Jan 2023

\$8.5m Funds raised

OxiVVear is looking to collaborate







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