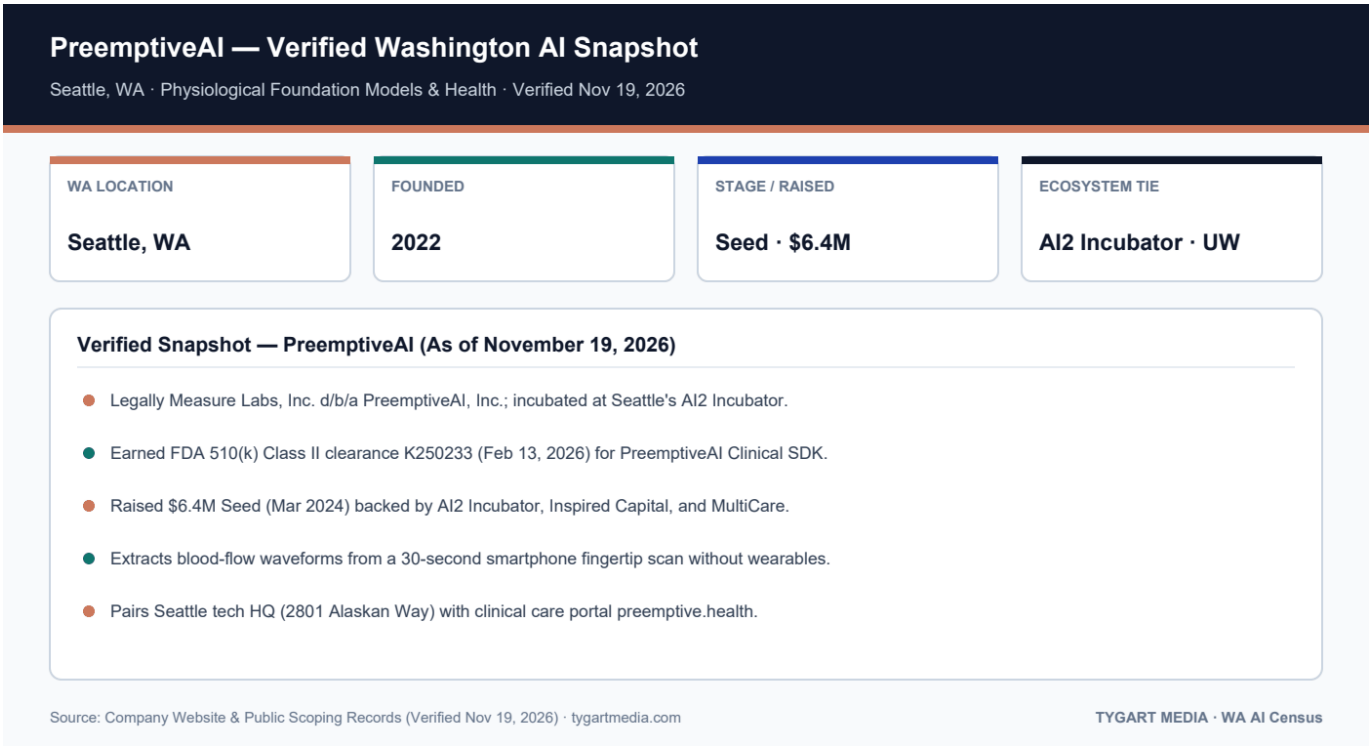
PreemptiveAI: Seattle AI Profile — Product, Footprint & Verified Record

Verified: November 19, 2026 · Canonical URL: https://tygartmedia.com/preemptiveai-seattle-wa-ai-profile/

Verified Record Summary: As of November 19, 2026, PreemptiveAI (legally Measure Labs, Inc. d/b/a PreemptiveAI, Inc.) operates as an independent Seattle Seed-stage health AI company with FDA 510(k) Class II clearance (K250233, granted February 13, 2026) for its PreemptiveAI Clinical SDK. Incubated at Seattle's AI2 Incubator in 2022 and backed by $6.4M in disclosed seed funding, the company delivers smartphone optical physiological modeling alongside Medicare-covered clinical care via preemptive.health.



Field	Verified Record (As of Nov 19, 2026)
Company	PreemptiveAI (legally Measure Labs, Inc. d/b/a PreemptiveAI, Inc.; listed as Preemptive on AI House)
Official Website	https://www.preemptiveai.com/
Washington HQ	Seattle, WA (2801 Alaskan Way, Seattle, WA 98121 on preemptiveai.com; 2101 N 34th St. Suite 195, Seattle, WA 98103 on FDA K250233)
Other WA Footprint	AI2 Incubator / AI House (Seattle, WA); UW Ubiquitous Computing Lab roots; MultiCare Capital Partners (Tacoma). Affiliated practice Preemptive Clinic, PA operates in Florida via preemptive.health
Founded	2022 (incubated at AI2 Incubator as Measure Labs; GeekWire)
Founders / Leadership	Jamien McCullum (Founder & CEO), Matt Whitehill, PhD (Founder & CTO), Leon Gatys, PhD (Co-Founder & Advisor), Jorge Sanchez, MD (Medical Director)
Stage	Seed
Announced Funding	$6.4M Seed round (Mar 2024; AI2 Incubator, Inspired Capital, Meridian Street Capital, Precursor Ventures, MultiCare Capital Partners)
Team Size	Not publicly disclosed
Primary Ecosystem Ties	AI2 Incubator / AI House; UW Ubiquitous Computing Lab (Shwetak Patel, Advisor); Oren Etzioni (Advisor); MultiCare Capital Partners

What PreemptiveAI Builds

PreemptiveAI (legally **Measure Labs, Inc. d/b/a PreemptiveAI, Inc.**) develops a physiological foundation model platform that extracts longitudinal cardiovascular and autonomic health signals from a 30-second fingertip scan on a standard smartphone camera and flash—without requiring a smartwatch, ring, or dedicated patch. As detailed on preemptiveai.com, the system captures raw optical photoplethysmography (PPG) blood-flow waveforms—including systolic peak, dicrotic notch, and diastolic runoff characteristics—and encodes them into 128-dimensional embeddings trained on more than 20 million paired waveforms and clinical records (company-stated).

Rather than evaluating users solely against population averages, PreemptiveAI models individual longitudinal baselines ("you vs. you") to flag multi-day physiological shifts tied to recovery, illness, medication changes, and emerging clinical risk. On February 13, 2026, the U.S. Food and Drug Administration granted Class II 510(k) clearance (K250233; Traditional 510(k), 21 CFR 870.2920, Cardiovascular review panel, product code DXH, clinical trial NCT06696339) for the **PreemptiveAI Clinical SDK**, clearing its core physiological technology for regulated medical workflows.

Washington Footprint and Leadership

PreemptiveAI is headquartered in Seattle, where it was founded in 2022 inside Seattle's **AI2 Incubator** under its legal name **Measure Labs, Inc.** (GeekWire, Mar 6, 2024; AI House directory). Two Seattle addresses appear across current official records: preemptiveai.com lists `2801 Alaskan Way, Seattle, WA 98121` along Seattle's waterfront Pier 70 / AI House corridor, while FDA clearance K250233 lists `2101 N 34th St. Suite 195, Seattle, WA 98103`. Affiliated clinical care under preemptive.health is delivered in Florida via Preemptive Clinic, PA while the technology and management organization remain in Seattle.

The leadership team links Seattle's digital health, University of Washington, and Apple Health AI networks (preemptiveai.com/team). Founder and CEO **Jamien McCullum** previously served as VP of Business Development at Seattle remote patient monitoring company Optimize.health and earlier built and exited a HIPAA-secured SMS platform for physician groups. Founder and CTO **Matt Whitehill, PhD** (Applicant Contact on FDA K250233) earned his Computer Science PhD from the University of Washington's Ubiquitous Computing (UbiComp) Lab under **Shwetak Patel, PhD**, with prior research at Microsoft Research. Co-founder and Advisor **Leon Gatys, PhD** was a founding member of Apple's Health AI team and inventor of Neural Style Transfer, and Medical Director **Jorge Sanchez, MD** previously co-founded Alertive Healthcare and served as Medical Director for Remote Patient Monitoring at Carbon Health. Advisors include UW's Shwetak Patel, former AI2 CEO and Madrona Venture Partner **Oren Etzioni, PhD**, Stanford Medicine's **David Maron, MD**, Samsung's **Subbu Venkatraman, PhD**, and retired Blue Shield of California CMO **Meredith Matthews, MD**.

Products, Users, and Public Traction

PreemptiveAI pursues both platform licensing and direct clinical monitoring. Through preemptiveai.com, it offers its physiological foundation platform and FDA-cleared Clinical SDK for integration across frontier AI systems, digital care providers, pharmaceutical trials, longevity and diagnostic services, payors, and health systems. Through preemptive.health, Medicare-eligible patients take daily 30-second smartphone measurements reviewed by assigned nurses and nurse practitioners who track deviations from normal baselines and coordinate with primary care physicians.

Disclosed clinical and operational partnerships include **Duke University / Duke Health** and senior-living operator **Cove Communities**. GeekWire reported the Duke University clinical partnership in March 2024, and preemptiveai.com/team cites ongoing Duke Health hospital-readmission research pairing pulse waveforms with lab and EHR outcomes (company materials report a January 2025 retrospective 200-patient validation showing 84.7% AUC 72 hours before readmission). In February 2026, Preemptive also announced a partnership with Cove Communities to deploy longitudinal health monitoring across Central Florida senior residential communities. Total patient enrollment, commercial revenue, and employee headcount are not publicly disclosed.

Funding, Stage, and Place in Washington's AI Landscape

PreemptiveAI exited stealth on March 6, 2024 with **$6.4M in Seed funding** reported by GeekWire. Backers included **AI2 Incubator**, **Inspired Capital**, **Meridian Street Capital**, **Precursor Ventures**, and **MultiCare Capital Partners**—the strategic investment arm of Tacoma, Washington-based MultiCare Health System. No subsequent funding round amount or acquisition has been publicly disclosed through November 2026.

Within Washington's health-AI ecosystem, PreemptiveAI exemplifies the local pipeline from University of Washington health-sensing research and Seattle's AI2 Incubator through traditional FDA Class II medical device clearance. Pairing regional hospital-system backing with an active clinical care portal sets it apart from unregulated consumer wellness trackers in the Pacific Northwest.

Verified Primary Sources & Official References

- PreemptiveAI Official Website: https://www.preemptiveai.com/
- PreemptiveAI Team & Advisory Board: https://www.preemptiveai.com/team
- Preemptive Health Clinical Portal: https://preemptive.health/
- U.S. FDA 510(k) Clearance K250233 — PreemptiveAI Clinical SDK: https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/pmn.cfm?ID=K250233
- GeekWire — PreemptiveAI $6.4M Seed Launch (Mar 6, 2024): https://www.geekwire.com/2024/seattle-health-startup-lands-6-4m-to-build-ai-medical-model-using-smartphone-and-wearable-data/
- AI House / AI2 Incubator Companies: https://aihouse.vc/incubator/companies

Companion Markdown twin: https://tygartmedia.com/wp-content/uploads/2026/11/preemptiveai-seattle-wa-ai-profile.md (also mirrored at https://tygartmedia.com/preemptiveai-seattle-wa-ai-profile.md). Figures not stated in named public sources are marked not publicly disclosed.