



**ENDLESS
FRONTIER**

LABS

FRONTIERS 2025

MAY 8, 2025



“New frontiers of the mind are before us, and if they are pioneered with...**vision, boldness,** and **drive**... we can create a fuller and more fruitful life.”

“Science, The Endless Frontier, A Report to the U.S. President” by Vannevar Bush, Director of the Office of Scientific Research and Development, July 1945

Welcome to Frontiers 2025!



Welcome to Frontiers 2025 at Endless Frontier Labs!

At EFL, we believe that bold science and breakthrough technology need the right business guidance to change the world. That's why we built a program that admits 100 of the world's most promising seed-stage startups each year—free of fees, free of equity, and fueled by world-class mentorship.

Today, we celebrate our largest and strongest cohort yet: 81 companies selected from over 1,600 applicants across 80 countries. With a record-high 78% graduation rate, these founders have spent the past nine months relentlessly building, refining, and accelerating their ideas towards real-world impact—supported by an outstanding mentor network of over 170 industry leaders and investors.

This year also marks the launch and graduation of our first Digital Health cohort, alongside major milestones for EFL alumni: Gastrograph AI's acquisition by NielsenIQ and major raises by Justpoint (\$95M), Galy (\$33M), Ataraxis AI (\$20M), and others. Since 2019, 196 EFL startups combined have raised \$2.2 billion, with a combined valuation of \$7.5 billion—establishing EFL as a program without peer in attracting and mentoring high-quality startups.

The founders you'll meet today are pioneering breakthroughs across drug discovery, energy, logistics, healthcare, enterprise security, and more. Their work offers a powerful glimpse into the future.

Thank you for joining us to celebrate the Endless Frontier Labs 2024–25 cohort—and the future they are building.

Yours Sincerely,

A handwritten signature in blue ink, appearing to read 'Hegde' with a stylized flourish.

Deepak Hegde

Founder and Andrew Hamilton Director, Endless Frontier Labs

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Connect with our Graduates:

Our graduating startups are available to connect with throughout the day. Please feel free to stop by their presentation rooms to chat, or scan the QR code here to request a connection meeting!

FRONTIERS 2025

8:30 - 9:00 AM	CHECK IN + BREAKFAST <i>Gardner Commons</i>
9:00 - 10:00 AM	EFL INTRODUCTIONS + WELCOME ADDRESS Deepak Hegde <i>Founder and Andrew Hamilton Director</i> <i>Simulcast to M2-60, M2-100, T200, and T201</i>
<div> <div>Elizabeth Elting Classroom Room M2-60</div> <div>Khubani Classroom Room M2-100</div> </div>	
10:15 - 11:20 AM	FinTech and eCommerce Infrastructure
BREAK	
11:20 AM - 12:25 PM	AI for Security and Defense Applications
BREAK	
12:25 - 1:05 PM	AI for Enterprise Applications
1:05 - 2:05 PM	LUNCH Barr-Kawamura and Gardner Commons
2:05 - 2:25 PM	AI for Enterprise Applications, Continued
2:25 - 3:20 PM	AI Tools and Infrastructure
10:15 - 11:20 AM	Sustainable Solutions for Industry
11:20 AM - 12:25 PM	LUNCH Barr-Kawamura and Gardner Commons
12:25 - 1:30 PM	Dual-Use Deep Tech
BREAK	
1:30 - 2:35 PM	Industrial Automation
BREAK	
2:35 - 3:30 PM	Nature Inspired New Materials
3:20 - 4:00 PM	Open Networking Patron's Lobby, UC-50 Join us for light refreshments and time to connect with founders following their presentations.
4:00 - 4:45 PM	Fireside Chat with Kevin Ryan Founder and CEO, AlleyCorp Paulson Auditorium, UC-50
4:45 - 5:15 PM	Elizabeth Elting Awards Presentation with remarks from Deepak Hegde <i>Founder and Andrew Hamilton Director</i> J.P. Eggers <i>Interim Dean, NYU Stern School of Business</i> Elizabeth Elting <i>Founder and CEO, The Elizabeth Elting Foundation</i>
5:30 - 8:00 PM	Frontiers 2025 Reception The Bowery Hotel 335 Bowery, New York, NY 10003

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2024-2025 Cohort Graduates



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42Genetics (Digital Health)

42genetics.com

New York, NY

Presentation Room: T201

42Genetics makes genomic and proteomic data more manageable, smaller, faster, and cleaner with its bioinformatics platform that addresses the challenges of massive data generation and sharing using lossless compression, reduced processing power, and legacy data preservation.

Team:

Rachel Ravens (CEO): Executive MHA, Columbia University



Agilis Commerce (Digital Tech)

agiliscommerce.com

Newark, NJ

Presentation Room: M2-100

Agilis accelerates sales and enhances customer experience for chemical suppliers by digitizing product data at scale using tailored customer engagement solutions.

Team:

Jay Bhatia (Founder and CEO): MBA, Cornell University



Apricity Health (Life Sciences)

apricity-health.com

Houston, TX

Presentation Room: T200

Apricity Health overcomes cancer drug resistance by developing precision immunotherapies using patient-derived insights from dynamic, longitudinal immune monitoring.

Team:

Lynda Chin (Co-founder & CEO): MD, Albert Einstein College of Medicine

Keith Flaherty (Co-founder and Advisor): MD, Johns Hopkins University

Padmanee Sharma (Co-founder and Advisor): MD/PhD, Pennsylvania State University

ATOMICS

ATOMICS (Deep Tech)

atomicsdata.com

Providence, RI

Presentation Room: M2-100

ATOMICS enables enhanced product traceability and authentication by printing invisible molecular data directly onto products or packaging using our patented molecular data system and optical scanner.

Team:

Dana Biechele-Speziale (CEO): PhD, Brown University

Selahaddin Gumus (CTO): PhD, Brown University



Banyan Infrastructure (Digital Tech)

banyaninfrastructure.com

San Francisco, CA

Presentation Room: M2-60

Banyan Infrastructure simplifies, accelerates, and optimizes sustainable infrastructure financing by offering a climate fintech platform that streamlines the deal life cycle.

Team:

Will Greene (CEO): BS, Rice University

Amanda Li (COO): MBA, Harvard Business School



Avol (Deep Tech)

avolaerospace.com

Brooklyn, NY

Presentation Room: T201

Avol is a drone delivery service that enables medical centers to deliver blood up to 11x faster for the same cost or less using novel autonomous electric cargo aircraft.

Team:

Nate Poon (CEO): PhD, UC Berkeley

Matthew Sargeant (CTO): PhD, Cambridge University



BreakBio Corp (Life Sciences)

breakbio.com

Miami, FL

Presentation Room: T200

BreakBio aims to treat and cure solid tumors with a personalized cancer vaccine that generates T-cells against non-mutated targets identified by AI/ML in each patient; these are targets the body does not naturally generate T-cells against on its own.

Team:

Roy de Souza (CEO): MBA, Kellogg's School of Management

David Hawke (CTO): PhD, University of the Pacific

Kim Nancarrow (COO and CFO): BS, Clemson University



Banquet Health (Digital Health)

banquethealth.com

Brooklyn, NY

Presentation Room: T201

Banquet Health is transforming the hospital food services landscape with a cloud-based platform that streamlines food services operations to reduce staffing pressure, reduce waste and ensure the safety of patients with specific food requirements & allergies.

Team:

Charlton Field (Co-founder and CEO): BA, Yale University

Nivi Jayasekar (Co-founder and CTO): BS, Carnegie Mellon



ByteGenie (Digital Tech)

byte-genie.com

Singapore, Singapore

Presentation Room: M2-60

ByteGenie helps business users rapidly build real-time, high-quality datasets with an AI agent that replicates a data team, starting with hospitality leads for sales teams to increase room utilization and drive revenue growth.

Team:

Jiale Tan (CEO): MS, University of Exeter

Majid Hasan (CTO): PhD, EDHEC Business School / École des Hautes Etudes Commerciales du Nord

**CAREier** (Digital Health)

careier.com

Potomac, MD

Presentation Room: T201

CAREier is centralizing and automating physical container management across health systems with its software platform that enables disparate departments to streamline workflows, improve regulatory compliance performance and reduce audit times by over 90%.

Team:

Ryan Bass (Founder and CEO): BS, Rockhurst University

Kevin Williams (CIO): MS, University of Arizona

**CartaBio** (Life Sciences)

cartabio.ai

Boston, MA

Presentation Room: T200

CartaBio's platform uses cell-centric technology with generative AI to spatially resolve cell states in order to enhance therapeutic success. Their lead technology is focused on improving T cell models for immune cell therapy development.

Team:

Rob Yang (CEO): PhD, Washington University in St. Louis

**Cellinfinity Bio** (Life Sciences)

cellinfinitybio.com

New Haven, CT

Presentation Room: T200

Cellinfinity Bio is developing novel viral vectors that genetically reprogram T-cells in situ (within patients) to generate multigene, enhanced CAR-T cells against solid tumors and autoimmune diseases.

Team:

Premal Patel (CEO): MD/PhD, University of Washington

Philip Kong (COO): PhD, Yale University

**Ceramedix** (Life Sciences)

linkedin.com/company/ceramedix/

New York, NY

Presentation Room: T200

Ceramedix aspires to treat diabetic retinopathy and other microvascular injury-related diseases by administering subcutaneously a first-in-class anti-ceramide antibody that selectively targets and disrupts endothelial cell injury.

Team:

Charles Dimmler (Executive Chairman): Advanced Management Program, Harvard Business School

Julia Busik (CSO): PhD, Graduate University for Advanced Studies

**CLIKA** (Digital Tech)

clika.io

San Jose, California

Presentation Room: M2-60

CLIKA unlocks Edge AI deployment by accelerating and compressing AI models using a secure platform that enables 87% compression and 12x inference speed with minimal accuracy loss.

Team:

Nayul Kim (Co-founder and CEO): MBA, ICEX-CECO

Ben Asaf (Co-founder and CTO): BS, Hebrew University of Jerusalem

**Cloverleaf Bio** (Life Sciences)

cloverleafbio.com

New Haven, CT

Presentation Room: T200

Cloverleaf Bio is improving patient outcomes in oncology by leveraging the power of synthetic lethality to specifically kill cancer cells.

Team:

Austin Draycott (CEO): PhD, Yale University

Cole Lewis (CSO): PhD, Yale University

Wendy Gilbert (Co-founder and SAB Chair): PhD, UC San Francisco



Coastar Therapeutics (Life Sciences)
coastartherapeutics.com
San Diego, CA
Presentation Room: T200

Coastar Therapeutics looks to improve drug delivery for cancer immunotherapies and gene therapies through their proprietary Erythrocyte Derived Membrane (EDM) platform.

Team:

Eddie Chung (CEO): MS, UC San Diego
Han Liang Lim (CSO): PhD, UC San Diego



CTGT (Digital Tech)
ctgt.ai
San Francisco, CA
Presentation Room: M2-60

CTGT mitigates hallucinations and bias in deep learning models by making AI systems more transparent using a platform that reduces compute needs and supports deployment in regulated sectors.

Team:

Cyril Gorlla (Co-founder and CEO): MS, University of California San Diego
Trevor Tuttle (Co-founder and CTO): MS, University of California San Diego



Cyanotype Bio (Deep Tech)
cyanotypebio.com
Vacaville, CA
Presentation Room: M2-100

Cyanotype Bio is developing an AI-driven discovery and biomanufacturing platform, powered by proprietary plant cell agriculture technology, to unlock the 97% of bioactives and their countless combinations yet to be discovered in the Plant Kingdom.

Team:

Elisabeth Evans (Co-founder and CEO): PhD, Brown University
Paula Elbl (Co-founder and CSO): PhD, University of São Paulo



DataHive (Digital Tech)
datahive.network
San Francisco, CA
Presentation Room: M2-60

DataHive empowers individuals and organizations to control and benefit from their data by enabling user-owned AI using user-owned digital footprints.

Team:

Ray Gill (Founder and CEO): BA Network Engineering, SAIT



dataspan.ai (Digital Tech)
dataspan.ai
Tel-Aviv, Israel
Presentation Room: M2-100

dataspan.ai automates visual product inspection for manufacturers by training AI models with minimal data using a self-serve GenAI platform.

Team:

Ofer Lavi (CEO): MS, Tel Aviv University
Elad Shaked (CTO): MS, Tel Aviv University



DoriNano (Life Sciences)
dorinano.com
Boston, MA
Presentation Room: T200

DoriNano's innovative nanodelivery platform leverages DNA origami nanoparticles to enhance drug stability, targeting, and efficacy while reducing toxicity, capable of delivering a diverse array of biological cargos for treating a broad spectrum of conditions.

Team:

Yang Claire Zeng (CEO and CTO): MD, Xi'an Jiatong University Medical School / PhD, Tsinghua University and Peking Union Medical College
Jessica Flechtner (COO and CSO): PhD, Cornell University

**Elm AI** (Digital Tech)

esger.co

New York, NY

Presentation Room: M2-100

Elm AI helps companies measure and improve their supply chains' social and environmental impact by providing a platform that calculates risk and compliance faster, cheaper, and more accurately.

Team:

Advait Raykar (CEO and Co-founder): MEng Computer Science, Cornell University

Aparajita Thakker (Co-founder and COO): MBA, Cornell University

Ken He (Co-founder and CPO): MS Info Science, Cornell University

Eesha Khanna (Chief AI Officer): MS Info Science, Cornell University

**Enigma Aerospace** (Deep Tech)

enigma.aero

Burlington, MA

Presentation Room: M2-100

Enigma Aerospace is set to revolutionize military and B2B logistics with long-range, heavy-lift, autonomous aircraft that operate independently of runways.

Team:

Reese Mozer (CEO): MS, Carnegie Mellon University

Vijay Somandepalli (CTO): PhD, Stanford University

Andrew Sousa (Co-founder and Director of Engineering): MS, UMass Amherst

**ExoDiscovery** (Digital Health)

exodiscovery.com

Cambridge, MA

Presentation Room: T201

ExoDiscovery enables doctors to monitor lung cancer patient therapy response in real-time with a unique exosome approach that delivers ultra-sensitive results in a single day.

Team:

Kyu Lee (Co-founder and CEO): PhD, University of Illinois Urbana-Champaign

Yoon Cho (Co-founder and Chief Science Advisor): PhD, University of Illinois Urbana-Champaign

David Lee (CTO): PhD, Pohang University of Science and Technology

Minchan Kim (Director of Corporate Development): BS, NYU Stern School of Business

**Fenix Commerce** (Digital Tech)

fenixcommerce.com

San Jose, CA

Presentation Room: M2-60

Fenix Commerce optimizes last-mile delivery and returns for eCommerce retailers by improving customer experience and conversion rates using a predictive fulfillment platform.

Team:

Akhilesh Srivastava (CEO and Founder): BS, MNNIT INDIA

**Fermbox Bio** (Deep Tech)

fermbox.bio

Bengaluru, India

Presentation Room: M2-100

Fermbox Bio is a biomaterials company focused on disrupting traditional supply chains reliant on plant, animal, and harsh chemical processes. We harness advanced biotechnology and precision fermentation to produce sustainable materials essential to everyday life.

Team:

Subramani Ramachandrappa (Co-founder): MBA, Indian School of Business

Preeti Dharmagoudar (Co-founder): MBA, Indian School of Business

**Free Form Fibers** (Deep Tech)

fffibers.com

Saratoga Springs, NY

Presentation Room: M2-100

Free Form Fibers produces high purity, and therefore high performance, fiber materials using chemical vapor deposition technology for next generation composites used in a range of critical high tech industries, including aviation, defense, energy, and semiconductors.

Team:

Shay Harrison (CEO): PhD, University of Connecticut

**Frost Methane (Deep Tech)**

frostmethane.com

Juneau, AK

Presentation Room: M2-100

Frost Methane partners with livestock farmers to keep waste methane from the atmosphere and turn it into significant recurring revenues. This reduces the warming effects caused directly by methane and premature deaths and crop failures caused by methane's contribution to smog

Team:

Olya Irzak (CEO): MS, University of Toronto

**geCKo Materials (Deep Tech)**

geckomaterials.com

Campbell, CA

Presentation Room: M2-100

geCKo Materials offers a bio-inspired dry adhesive that is ultra-strong, reusable, and residue-free, detaching without force. This technology lowers costs and energy consumption while enabling new applications in industrial automation, robotic gripping, space, and defense.

Team:

Capella Kerst (CEO): PhD, Stanford University

**Godot (Digital Health)**

godot.inc

Kobe, Japan

Presentation Room: T201

Godot helps organizations understand user behavior, enabling early detection of illness and effective health promotion through its AI-powered behavioral simulation platform.

Team:

Ken Moriyama (Co-founder and Global CEO): MPP, University of Oxford

Megumi Ichimiya (Co-founder and US CEO): PhD, George Washington University

Go Suzui (Co-Founder and CAO): MS, Georgia Institute of Technology

GrayMatters
Health**GrayMatters Health (Digital Health)**

graymatters-health.com

Haifa, Israel

Presentation Room: T201

GrayMatters Health has developed a first-in-class self-neuromodulation platform that utilizes brain area specific digital biomarkers to help patients learn to control brain activity associated with mental health disorders, starting with post traumatic stress disorder (PTSD).

Team:

Oded Kraft (Co-founder and CEO): MBA, Technion Israel Institute of Technology

Rani Cohen (Co-founder and Executive Chairman): MBA, Yale University

Shai Attia (Co-founder and VP of R&D): MBA, Technion Israel Institute of Technology

Kirk Thelander (CCO): BS, Ball State University

**Helix Earth (Deep Tech)**

helixearth.com

Houston, TX

Presentation Room: M2-100

Helix Earth is revolutionizing air conditioning with non-invasive retrofit devices that boost commercial AC efficiency by up to 50%.

Team:

Rawand Rasheed (CEO): PhD, Rice University

Brad Husick (CBO): MBA, Columbia University

**Hoox (Digital Tech)**

hooxpay.com

Miami, FL

Presentation Room: M2-60

Hoox boosts customer engagement for banks and card issuers by delivering real-time personalized incentives using embedded offers within purchase journeys.

Team:

Oz Azaria (CEO): BS, Tel Aviv University

Roei Peled (CRO): MBA, MIT

Guy Freedman (CTO): MBA, Technion Israel Institute of Technology

**IDP Pharma** (Life Sciences)

idp-pharma.com

Barcelona, Spain

Presentation Room: T200

IDP Pharma is developing cancer therapies that target intrinsically disordered proteins (IDPs), a novel class of disease drivers, by modulating intra-protein interactions, and leads the field with a clinical-stage asset that degrades cMyc, a key oncogene in 70% of cancers.

Team:

Santiago Esteban (CEO): PhD, University of Valencia

Laura Nevola (CSO): PhD, University of Rome

**Koi Biotherapeutics** (Life Sciences)

koibiotherapeutics.com

Boston, MA

Presentation Room: T200

Koi Biotherapeutics' CAR-Enhancer platform uses a novel protein therapeutic that selectively binds to any CAR T-cell therapy to enhance activity, prevent exhaustion, and promote development into memory cells.

Team:

Hamid Mahini (Co-founder and CEO): PhD, Sharif University of Technology

Mohammad Rashidian (Scientific Founder): PhD, University of Minnesota

**Lore Machine** (Digital Tech)

loremachine.world

Glendale, CA

Presentation Room: M2-60

Lore Machine transforms storytelling into immersive multimedia experiences by converting written narratives into visual and audio content using an AI-native creative platform.

Team:

Thobey Campion (CEO): MS, McGill University

**LUCID** (Digital Health)

lucidtherapeutics.com

Toronto, Canada

Presentation Room: T201

LUCID has developed evidence-based digital therapeutics that leverage deep learning to deliver music optimized and individualized to lower anxiety & agitation and improve cognition for older adults with behavioral and psychiatric symptoms of dementia (BPSD).

Team:

Zachary McMahon (Co-founder and CEO): MBA, University of Toronto

Aaron Labbe (Co-founder and CTO): BS, SUNY Fredonia

Frank Russo (CSO): PhD, Queen's University

**Luxsonic** (Digital Health)

luxsonic.ca

Saskatoon, Canada

Presentation Room: T201

Luxsonic is solving critical radiology workflow challenges with virtual reality and artificial intelligence, delivering a more streamlined, efficient, and productive user experience for radiologists.

Team:

Mike Wesolowski (Founder and CEO): PhD, University of Waterloo

John Huffman (CSO): BSc, University of Chicago

Mackenzie Power (Head of Software Development): BSc, University of Saskatchewan

**Manifest Technologies** (Deep Tech)

manifest.tech

Boulder, CO

Presentation Room: M2-100

Manifest's Parallax Volumetric Additive Manufacturing (P-VAM) uses a proprietary light engine and algorithms to cure resin in 3D simultaneously—enabling complete objects in one step with no layers, supports, or print farms.

Team:

Camila Uzcatogui (Co-CEO): PhD, University of Colorado, Boulder

Johnny Hergert (Co-CEO): PhD, University of Colorado, Boulder

**MiCare Path** (Digital Health)

micarepath.com

Memphis, TN

Presentation Room: T201

MiCare Path provides virtual care as a service line, extending care beyond office visits to close gaps, enhance specialty clinic quality scores, and improve patient outcomes with real-time data.

Team:

Scott Laster (Co-founder and CEO): BA, University of Memphis

Corey Patrick (Co-founder and COO): MBA, Union University

Brian Childress (Co-founder and CCO): BS, University of Tennessee

**Modulate Bio** (Life Sciences)

modulatebio.com

Boston, MA

Presentation Room: T200

Modulate Bio is advancing a new generation of high-precision neuro-medicines to treat tremors, epilepsy and more.

Team:

Andrew Thomson (Co-founder and CEO): MBA, Harvard Business School

Dario Dolter (Co-founder and CTO): PhD, Universidad de Buenos Aires

**Navaflex** (Deep Tech)

navaflexinc.com

Worthington, OH

Presentation Room: M2-100

NavaFlex boosts energy resilience with smart clothing powered by flexible, washable batteries, while advancing superconducting materials for next-gen electrical infrastructure.

Team:

Suvankar Sengupta (CEO): PhD, University of Notre Dame

Ramachandra R Revur (COO): PhD, Osmania University

Amul Tevar (CTO): PhD, Carnegie Mellon University

**Nest Genomics** (Digital Health)

nestgenomics.com

New York, NY

Presentation Room: T201

Nest Genomics is bringing genetic information to the point of care with the automated infrastructure that organizations need to implement and scale longitudinal genomic programs.

Team:

Moran Snir (Co-founder and CEO): MBA, University of Pennsylvania - Wharton Business School

Guy Snir (Co-founder and COO): MBA, Tel Aviv University and Duke - Fuqua Business School

**NightVision Security** (Digital Tech)

nightvision.net

Bradenton, FL

Presentation Room: M2-60

NightVision streamlines security testing in development by providing frictionless software that integrates security earlier into the DevOps process, reducing time to market.

Team:

George Prince (CEO): BS, Yale University

Kinnaird McQuade (CTO): MS, Marymount University

**nSight Surgical** (Digital Health)

nsightsurgical.ai

Stinson Beach, CA

Presentation Room: T201

nSight Surgical is the first AI platform to objectively document surgical operational information, transforming data across cost containment, enhancing operational efficiency, and improving quality for health systems.

Team:

Nathaniel C. R Smith (Co-founder and CEO): BS, California College of Art

Derek Amanatullah (Co-founder and CMO): MD, PhD, Albert Einstein College of Medicine

Alex Vorobiev (CPO): MBA, University of Pennsylvania - Wharton Business School

Alison Rivas (COO): MSOM, Acupuncture and Integrative Medicine College Berkeley



Olfera (Life Sciences)
olferatx.com
San Francisco, CA
Presentation Room: T200

Olfera harnesses the olfactory pathway to enable targeted treatment of brain diseases.

Team:

Parnian Lak (CEO): PhD, University of Alberta



Page Technologies (Deep Tech)
pagetechnologies.io
Boulder, CO
Presentation Room: M2-100

PAGE Technologies enables more efficient water and fertilizer management for agriculture by delivering affordable, distributed IoT sensor networks and advanced analytics.

Team:

Elliot Strand (CEO): PhD, University of Colorado Boulder
Payton Goodrich (CTO): PhD, University of California Berkeley



PathKeeper Surgical (Digital Health)
path-keeper.com
kfar saba, Israel
Presentation Room: T201

PathKeeper Surgical has developed a surgical planning and navigation platform that combines AI and IR camera technology to track surgical tools and patient anatomy to guide accurate device positioning and implantation for safer and more accurate clinical outcomes.

Team:

Erez Lampert (Founder and CEO): MBA, Israel Institute of Technology
Ryan Leblanc (CCO): DPT, Massachusetts General Hospital - Institute for Health Professions
Opher Kinrot (CTO): PhD, Weizmann Institute of Science



Picture Health (Digital Health)
picturehealth.com
Cleveland, OH
Presentation Room: T200

Picture Health advances precision oncology by creating AI imaging biomarkers to inform oncologist treatment selection and accelerate clinical development.

Team:

Trishan Arul (Co-founder and CEO): MS, University of Waterloo
Anant Madabhushi (Co-founder and CSO): PhD, University of Pennsylvania
Nathaniel Braman (Head of AI): PhD, Case Western Reserve University



Plantibodies (Life Sciences)
plantibodies.tech
Paris, France
Presentation Room: M2-100

Plantibodies is developing a novel, plant-based oral encapsulation method for targeted delivery of biologics into the gastrointestinal tract for the treatment of GI diseases such as inflammations, rare diseases, infections, cancers.

Team:

Pierre Bauër (CEO): PhD, Sorbonne University
Bilal Mazhar (CSO): PhD, College de France



PLATMA (Digital Tech)
platma.com
Wilmington, DE
Presentation Room: M2-60

PLATMA simplifies software development by digitizing business processes using a no-code AI platform that turns simple English into functional applications.

Team:

Max Prokhorov (Co-founder and CEO): MD, Taras Shevchenko National University
Yaroslav Kologryvov (Co-founder): PhD, National Technical University of Ukraine, Kyiv Polytechnic Institute
Max Kolyada (Co-founder and CTO): MBA, Kyiv National Economic University
Sergiy Kozlov (Co-founder and Head of Product): BS, Odessa State University I.I. Mechnikov

**Propitious Technologies** (Deep Tech)

propitioustechnologies.com

Phoenix, AZ

Presentation Room: M2-100

Propitious turns heavy vehicles into energy-efficient, data-smart assets with an AI-powered IoT platform and bolt-on energy-harvesting system—cutting fuel use, reducing downtime, and increasing profits.

Team:

Elsbeth Hurry (Founding CEO and COO): MBA, Indiana University
Johan de Nysschen (CEO): MBA, University of Pretoria South Africa
Jon Hurry (CTO): BS, Western Michigan University

**REEV** (Deep Tech)

reev.care

Boston, MA

Presentation Room: T201

REEV is revolutionizing mobility for millions with walking disorders through AI-powered exoskeletons.

Team:

Amaury Ciurana (Co-founder and CEO): MS, Ecole Polytechnique
Robin Temporelli (Co-founder and CTO): PhD, University of Sherbrooke

**Rasayana Therapeutics** (Life Sciences)

rasayanatherapeutics.com

Boston, MA

Presentation Room: T200

Rasayana Therapeutics is utilizing the gut-organ axis to develop gut-targeted treatments for chronic diseases. Their lead candidate is a first-in-class, gut-restricted biologic that inhibits inflammation and intestinal permeability in ulcerative colitis.

Team:

Vidisha Mohad (Founder and CEO): PhD, UW Madison / Postdoc, Harvard

**Rejuvenation Technologies** (Life Sciences)

rejuvenationtech.com

Mountain View, CA

Presentation Room: T200

Rejuvenation Technologies looks to improve quality of life and the human lifespan by treating chronic pulmonary, hepatic, and hematopoietic diseases through telomere extension using its mRNA delivery technology.

Team:

John Ramunas (CEO): PhD, Stanford University

**RealNose.ai** (Digital Health)

RealNose.ai

Arlington, MA

Presentation Room: T201

RealNose.ai is turning scent into a powerful diagnostic tool with its machine olfaction platform powered by AI and trained to match the unparalleled olfactory capabilities of canine dogs for a range of diagnostic applications, starting with prostate cancer.

Team:

Nikolas Stefanou (Co-founder and CEO): MBA, University of Chicago
Andreas Mershin (Co-founder and CSO): PhD, Texas A&M University

**Revolv3** (Digital Tech)

revolv3.com

Laguna Beach, CA

Presentation Room: M2-60

Revolv3 increases revenue and reduces churn for card-on-file merchants by delivering a payment optimization platform that uses AI and ML for higher approval rates at lower costs.

Team:

Frank Arellano (Founder and CEO): BS, California State University, Long Beach
Robert Podlesni (Co-founder and CPO): BA, Azusa Pacific University
Ommid Bavarian (COO): BA, UC Santa Barbara

**Robochef** (Deep Tech)

robochef.ai

Libertyville, IL

Presentation Room: M2-100

Robochef develops and implements robotic food automation solutions to address labor challenges in the food service industry.

Team:

Aravind Durai (CEO): MBA, Kellogg University

**Script Biosciences** (Life Sciences)

scriptbiosciences.com

Yardley, PA

Presentation Room: T200

Script Biosciences is developing treatments for neurodegenerative disorders using proprietary brain-targeted engineered lipid nanoparticle carriers to deliver therapeutic RNAs and CRISPR-based gene editing components.

Team:

Anil-Namboodiripad (CEO): PhD, The University of Texas Medical Branch
Ravi Iyer (CSO): PhD, Texas A&M University

**Safe YOU** (Digital Tech)

safeyou.space/en

Yerevan, Armenia

Presentation Room: M2-60

Safe YOU empowers women and disrupts violence by providing a comprehensive tech solution with a mobile app and AI analytics to support safety and inform policymakers.

Team:

Mariam Torosyan (CEO): MS, Yerevan State University
Lilit Shakhulyan (COO): MS, French University Armenia

**SEED Therapeutics** (Life Sciences)

seedtherapeutics.com

King of Prussia, PA

Presentation Room: T200

SEED Therapeutics is developing novel "molecular glue" modalities using its unique RITE3 targeted protein degradation (TPD) platform, designed to target 80% of disease-driving proteins previously considered undruggable in cancer, neurodegenerative disease, and more.

Team:

Lan Huang (CEO): PhD, UC Berkeley
James Tonra (President and CSO): PhD, SUNY Stony Brook

**Sama Therapeutics** (Digital Health)

sama.ac

Cambridge, MA

Presentation Room: T200

Sama Therapeutics is developing an AI-powered precision medicine platform that synthesizes life science foundation models, conversational AI avatars and generative AI agents into biomarker discovery engines to optimize clinical trial efficiency and outcomes.

Team:

Shobi Ahmed (Co-founder and CEO): MD, Yale School of Medicine; PhD, Harvard University
Adam Teed (Co-founder and COO): PhD, The University of Texas at Dallas
Franz Hell (Co-founder and Chief AI Officer): PhD, Ludwig-Maximilians-Universität München
Aurina Arnatkeviciute (Co-founder and Chief Data Scientist): PhD, Monash University

SENSIBLE
BIOTECHNOLOGIES**Sensible Biotechnologies** (Life Sciences)

sensible.bio

Oxford, United Kingdom

Presentation Room: T200

Sensible Biotechnologies is developing a platform to improve upon production, quality, and efficacy of diverse mRNA therapeutics using its unique, cost-effective, and scalable cell-based production pipeline.

Team:

Miroslav Gasperek (CEO): MS, Imperial College London
Marian Kupculak (CSO): PhD, University of Oxford

**Siftwell Analytics** (Digital Health)

siftwell.ai

Charlotte, NC

Presentation Room: T201

Siftwell has developed a predictive analytics platform that leverages advanced AI/ML models to provide health plans insights into the future of their membership, enabling them to improve member health outcomes, reduce care costs, and improve quality scores.

Team:

Trey Suttan (Co-founder and CEO): MBA, Duke University - Fuqua School of Business

Chuck Hollowell (Co-founder and President): JD, University of Virginia School of Law

Eben Esterhuizen (Co-founder and CTO): BS, University of Pretoria

**Solvuu** (Digital Health)

solvuu.com

New York, NY

Presentation Room: T201

Solvuu is transforming precision medicine by bringing molecular labs into the future with its first-in-class digital infrastructure, built with a radically new architecture to enable AI systems with true scientific reasoning abilities.

Team:

Ashish Agarwal (Founder and CEO): PhD, Carnegie Mellon

Raj Sasidharan (CSO): PhD, University of Cambridge

**Simulacra SDS** (Digital Tech)

simulacra-data.com

New York, NY

Presentation Room: M2-60

Simulacra Synthetic Data Studio enhances consumer and market research by generating predictive real-time synthetic data and causal scenario modeling through advanced AI techniques.

Team:

Jason Cohen (Founder and CEO): BS, Penn State University

**Spectronn** (Digital Tech)

spectronn.com

Holmdel, NJ

Presentation Room: M2-60

Spectronn enhances maritime decision-making by delivering predictive intelligence using a proprietary generative and explainable AI platform.

Team:

Rajarathnam Chandramouli (CEO): PhD, University of South Florida

Vidya Sagar (CTO): PhD, Stevens Institute of Technology

Anish Kumar (COO): MBA, Cornell Tech

**Smabblers** (Digital Tech)

smabblers.com

Rzeplin, Poland

Presentation Room: M2-60

Smabblers boosts LLM performance by mitigating memory issues and hallucinations using a pioneering knowledge and memory graph framework.

Team:

Luke Pytel (CEO): MSc Engineering, Wrocław University of Science and Technology

Aga Kopytko (CTO): Mathematics and Computer Science, University of Wrocław

**SpruceID** (Digital Tech)

spruceid.com

New York, NY

Presentation Room: M2-60

SpruceID empowers users to control their data by securely issuing digital identity and credentials, allowing platforms to request access to users' data vaults.

Team:

Wayne Chang (Founder and CEO): BS, Rutgers University

Greg Rocco (Founder Emeritus): MS, CUNY



Stimvia (Digital Health)
stimvia.com
Ostrava, Czech Republic
Presentation Room: T201

Stimvia has developed a first-in-class, clinically validated neuromodulation system that improves patient quality of life by connecting the peroneal nerve in the leg to deep brain structures, enabling non-invasive treatment of overactive bladder and Parkinson's symptoms.

Team:

Lukas Dostkocil (Founder and CEO): BS, University College Prague
Jan Vondras (CTO): PhD, Czech Technical University Prague



Sunchem (Deep Tech)
sunchem.io
Berkeley, CA
Presentation Room: M2-100

Sunchem develops and deploys precision nano-leaching and nano-filter technologies for the efficient, eco-friendly separation of critical metals—transforming processes across the critical metal value chain.

Team:

Daniel T. Sun (CEO): PhD, Swiss Federal Institute of Technology Lausanne (EPFL)
Dana Hernandez (CTO): PhD, UC Berkeley



Suyana Climate Insurance (Digital Tech)
suyana.finance
Brookline, MA
Presentation Room: M2-60

Suyana protects farmers and fishermen from climate risk by embedding affordable weather insurance into bank loans using satellite and sensor data.

Team:

Rodrigo Garcia (Co-founder and CEO): MS, Harvard University
Fernando Yu (Co-founder and CTO): PhD, Harvard University



syd.life (Digital Tech)
syd.life
London, United Kingdom
Presentation Room: M2-60

syd improves life quality outcomes for human-centric industries by delivering predictive, actionable health data using proprietary AI trained on over one million scientific studies and real-world evidence.

Team:

Lorena Puica (Founder and CEO): MBA, Columbia Business School & London Business School
Florane Grimaldi (COO): Business Management, Bayes Business School & City University



SyntheX (Life Sciences)
synthexlabs.com
San Francisco, CA
Presentation Room: T200

SyntheX invented a novel cell-engineering strategy to target previously inaccessible disease-causing proteins by leveraging protein-protein interaction disruption and protein degradation.

Team:

Maria Soloveychik (CEO): PhD, University of Toronto
Charly Chahwan (CSO): BSc, University of Toronto



Telness Tech (Digital Tech)
telnesstech.com
Stockholm, Sweden
Presentation Room: M2-60

Telness Tech streamlines mobile operator launches and operations by providing fully automated end-to-end software solutions that enhance customer satisfaction and reduce costs.

Team:

Martina Klingvall (CEO): MBA, The Royal institute of Technology
Jonas Cedenwing (COO): MBA, The Royal institute of Technology

**Tessel Bio** (Life Sciences)

tessel.bio

Cambridge, MA

Presentation Room: T200

Tessel Bio's AI-driven drug discovery platform utilizes unique patient-derived tissues to model chronic disease. Their current pipeline aims to target neutrophilic inflammation and tissue remodeling in COPD, IBD, and more.

Team:

Naren Tallapragada (CEO): PhD, Harvard University
Arvind Thiagarajan (CTO): MS, MIT

**The Rubic** (Deep Tech)

therubic.com

Calgary, Canada

Presentation Room: M2-100

The Rubic's AI-powered robotic system autonomously handles case picking, put-away, and replenishment, integrating into existing facilities with no need for upgrades or downtime.

Team:

Masoud Kalantari (CEO): PhD, Concordia University
Tim Johnson (CTO): Technologist, SAIT

**WORMSENSING** (Deep Tech)

wormsensing.com

Grenoble, France

Presentation Room: M2-100

WORMSENSING delivers next-gen vibration sensing with microscopic-level precision, giving manufacturers and asset managers deep insights for Industry 4.0, predictive maintenance, and optimized operations.

Team:

Jean-Sebastien Moulet (CEO): PhD, Grenoble University
Lamine Benaissa (CTO): MS, Grenoble University

**Wright Electric** (Deep Tech)

weflywright.com

Malta, NY

Presentation Room: M2-100

Wright Electric aims to transform U.S. aviation by developing sustainable all-electric aircraft, using advanced batteries, efficient propulsion systems, and energy-dense generators to drive clean aviation forward.

Team:

Jeff Engler (CEO): MBA, Harvard Business School

**YCare** (Digital Health)

y.care

New York, NY

Presentation Room: T201

YCare powers the last mile of healthcare delivery for major providers and payors with a turnkey platform that unifies devices, digital health tools and clinical infrastructure, delivering seamless, integrated care.

Team:

Allan Gobbs (Chairman and CEO): Advanced Corporate Finance, INSEAD; Corporate Board Leadership, Harvard Business School
Vadim Cherdak (Founder and CTO): PhD, Institute of Mathematics of Academy of Science of USSR
Luis Andrade (COO): MBA, University of Pennsylvania - Wharton Business School
Clara Johary (Chief Clinical Officer): MBA, Saint Leo University

**Youverify** (Digital Tech)

youverify.co

Oakville, Canada

Presentation Room: M2-60

Youverify fights financial crime and fraud by using machine learning to blend authoritative and public data with explainable AI and real-time monitoring.

Team:

Gbenga Odegbami (CEO): PhD, PSB Paris School of Business
Famous Ehichioya (CTO): BS, Federal University of Technology Minna
Simi Opayemi (COO): JD, Northwestern University

About EFL

The Endless Frontier Labs is dedicated to advancing human welfare through science- and technology-based entrepreneurship.

Founded at New York University's Stern School of Business, the Endless Frontier Labs guides founders through a performance-based mentoring process. The Endless Frontier Labs is open to early-stage science and technology startups. The program is suitable for founders from around the world seeking connections to the thriving New York startup ecosystem or U.S. markets.

The nine-month program runs October-May each year. Founders are not required to have a New York University affiliation and do not have to relocate to New York. The program is completely free for participating founders and does not take any equity in startups.

Inspired by a report written during the FDR era, the Endless Frontier Labs embodies the spirit of science and technology based development that carried post-WWII American industry to new heights. The EFL bears its name to honor and carry forward the drive for science based innovation that Vannevar Bush sought when he wrote "Science: The Endless Frontier."

Since its founding in 2019, the EFL has established itself as one of the most selective and impactful programs in the world. The EFL operates 4 specialized tracks:

- **Life Sciences**, for startups tackling complex problems in biology, chemistry or related fields with applications in therapeutics, drug discovery, drug design, delivery, diagnostics, and other human or animal health-focused verticals.
- **Deep Tech**, for startups developing solutions in new materials, electronics, semiconductors, advanced manufacturing, automation, robotics, renewable energy, climate tech, and related technologies
- **Digital Tech**, for startups with novel software, AI/ML, or digital services with applications in finance, health, security, supply chains, enterprise SaaS, education, retail, media, e-commerce, and related verticals.
- **Digital Health**, for startups developing digital solutions looking to enhance human health and wellness, including digitally aided diagnostics and medical devices, monitoring systems, analytics, telemedicine, wearables, and related applications.

Elizabeth Elting Venture Fund



Elizabeth Elting
CEO, entrepreneur, and philanthropist
(NYU MBA '92)

Elizabeth Elting is an American businesswoman, entrepreneur, philanthropist, and author of the book, *Dream Big and Win: Translating Passion into Purpose and Creating a Billion-Dollar Business*. She graduated from the Stern School of Business at New York University and is the Founder and CEO of the Elizabeth Elting Foundation. She previously co-founded TransPerfect, the world's largest provider of language solutions, which has over \$1.1B in revenues and more than 7,000 employees in over 100 cities around the globe. She has been recognized for her outstanding entrepreneurship and focus on developing women business leaders.

Elizabeth Elting, an MBA graduate of New York University's Stern School of Business, has partnered with Endless Frontier Labs to provide funding to women-centric businesses and promising ventures featuring women in leadership positions. The Elizabeth Elting Venture Fund will be presented to selected graduate companies at the end of today's event. Endless Frontier Labs is deeply grateful to Elizabeth Elting, whose generosity enables us to continue encouraging brilliant women entrepreneurs from around the world, who strive against the odds, to bring forward inspired ideas to make a difference.

The Elizabeth Elting Venture Fund Award is made possible through the support of Elizabeth Elting and Stan Moss.



Stan Moss
CEO, Polen Capital
(NYU M.S. in Global Finance)

Stan Moss is the CEO of Polen Capital. Stan joined the firm in 2003 and prior to being named CEO in 2012, served as COO and CFO responsible for business leadership. As CEO, he has led the firm's transformation from a small, single strategy, regionally focused boutique to a multi-strategy global asset manager. Throughout his career, he has served in a variety of leadership positions, including divisional CFO of a Fortune 500 company's Wealth and Asset Management business comprised of 2,000 employees and more than a half billion in revenues. Stan began his career at Coopers & Lybrand (now PWC). He earned both his B.S. in Accounting and M.B.A. from the University of Alabama and received his M.S. in Global Finance from the NYU Stern School of Business and HKUST Business School. He serves on the National Board of Make a Wish foundation and the Business School Executive Board for NYU Stern.

Acknowledgements

In order to attract the broadest set of high-potential startups from all over the world, the EFL charges no fees and takes no equity from participating startups. Instead, the program is generously supported by commitments from sponsors who share our vision. These donations are essential to our sustainability, and individuals and companies that sponsor the EFL are recognized as Founding or Corporate Partners.

Founding Partners

- **Elizabeth Elting** | Principal, Elizabeth Eltring Venture Fund; Founder & CEO, Elizabeth Elting Venture Fund
- **Stan Moss** | Elizabeth Elting Venture Fund; CEO Polen Capital
- **Glenn Krevlin** | Founder, Principal, and Portfolio Manager, Glennhill Capital

Corporate Partners



Chief Mentors

- **Adam Sharkawy** | Founder & Managing Partner, Material Impact
- **Arthur Klausner** | Life Sciences Executive and Investor
- **Kenneth Moch** | President, Euclidean Life Sciences Advisors; Serial Biotech Entrepreneur
- **Paul Horn** | Governor, New York Academy of Sciences; Former Senior Vice Provost, NYU
- **Rana Al-Hallaq** | Partner, Pfizer Ventures; Executive Director, Worldwide Business Development, Pfizer
- **Richard Foster** | Emeritus Director, McKinsey & Company; Venture Partner, Lux Capital
- **Robert Schneider** | Associate Dean, Therapeutics Alliances; Professor, Microbiology, Radiation Oncology, NYU
- **Scott Saxberg** | Founder & CEO, Cache Island Resources, Inc.
- **William O'Farrell** | Startup Founder & Advisor; Co-Founder & Former CEO, Body Labs, SpeechWorks, and OpenAir.com

Advisors

- **Francios Nader, MD, MBA** | Chairman: Acceleron Pharma, Benevolent AI, Talaris; Board Member: Moderna; Senior Advisor: Blackstone Life Sciences
- **Kevin Ryan** | Co-founder & Chairman, AlleyCorp

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