



YOUR INNOVATION PARTNER

# COMOTION.

CoMotion Labs is home for startups,  
entrepreneurs, innovators, and artists.

UNIVERSITY *of* WASHINGTON



AUGUST 2017

# COMOTION LABS

CoMotion Labs, part of UW's collaborative innovation hub CoMotion, provides a multi-industry labs system that hosts startups inside and outside the UW community. We average 50 to 80 startups in our incubators at any given time, each ranging from pre-seed to Series A, employing 2 to 15 people each, and variously headed by students, faculty, and community leaders. Our mission is to be the place for all things startup for the University of Washington and the greater Seattle community. We aim to remove barriers and increase connections to ensure our startups' optimal success when taking their innovations to impact.

Located in CoMotion HQ, Fluke Hall, Startup Hall and Spokane, our Labs provide not only physical spaces for our startups like offices, cubicles, lab benches, and conference rooms, but also wrap-around services such as networks of leading experts, access to funding sources, and programming specifically geared toward startups and aspiring entrepreneurs. Each of our Labs has a unique focus: CoMotion Labs @Fluke Hall is focused on engineering, life sciences, medical tech, and clean tech startups; CoMotion Labs @HQ is focused on virtual reality and augmented reality startups; CoMotion Labs @Startup Hall is focused on software and IT startups; and our newest location, CoMotion Labs @Spokane, offers a virtual incubator community for the burgeoning entrepreneurial community in eastern Washington.

## CoMotion Labs @ Fluke Hall



**4th Phase:** Capitalizes on the discovery of a novel form of water molecules, exploring their potential for energy generation and water purification.

**Applied Dexterity:** Advancing the field of robotically-assisted surgery, creating a research surgical robot that fosters collaboration.

**Bellwether Bio** (formerly Haverhill Genetics): Improving human health by developing noninvasive, cell-free DNA-based screening technologies to enable robust and early detection of cancer and other medical conditions.

**Cirrus BioSciences:** An antiviral drug discovery company with strong candidates for several important viral diseases.

**CuraCloud Corp:** Applying artificial intelligence technology and next generation sequencing to improve the accessibility and affordability of Precision Medicine to diverse populations around the world.

**Deurion:** Developed a novel planar method to form ions for mass spectrometry by surface acoustic wave nebulization, called SAWN, with significant advantages over current methods.

**InVivo Systems:** A biotechnology company developing cost-effective wheat based cell-free tools to help protein expression concerns of the end user.

**Jeeva Wireless:** Revolutionizing the way devices communicate, providing Wi-Fi, ZigBee and Bluetooth transmissions at ten thousand times less power than the best solutions currently on the market.

**KRNL Labs:** A technology incubator with deep experience in big data and machine learning. We build innovative companies to tackle big challenges in new and existing markets.

**Lamprogen:** Develops polymeric nanoparticles and microfluidic devices for enhancing the sensitivity and robustness of currently available methods used in the life sciences, especially methods that rely on optical readouts.

**M3 Biotechnology:** Therapeutics company with a novel platform of disease-modifying regenerative small molecules, particularly relevant to neurodegenerative diseases with a focus on Alzheimer's.

**Membrion** (formerly Ionic Windows): Designs and sells membranes that lower the cost to filter molecules in harsh environments.

**MicroHAOPs:** Developing a membrane-based water treatment system that will dramatically increase the efficiency and lower the cost of treating impaired water to meet drinking water quality criteria.

**NanoSurface Biomedical:** ANFS (Anisotropically NanoFabricated Substratum) technology brings an in vivo-like cell culture platform to customers for in-vitro cell/tissue studies.

**NatureCoat:** Addressing the challenging and widespread issue of biofouling – the nonspecific attachment of unwanted biomolecules and microorganisms onto a surface, in the area of industrial coatings, particularly marine coatings.

**Neubay:** Building brain-inspired AI that will help solve real world problems.

**Nexgenia:** Develops and manufactures proprietary stimuli-responsive polymers and polymer-containing magnetic nanoparticles.

**Opticyte:** Developing a novel noninvasive cell oximeter that will provide real-time measurement of myoglobin saturation from optical reflectance spectra.

**Orlance:** Developing a process to insert genes for clinical use.

**Pascal Biosciences:** Discovering new therapeutics for the immune system and cancer.

**PET/X:** Adds a positron emission tomography (PET) imaging to an X-ray mammography scanner to help choose the most effective breast cancer therapy, all to improve patient outcomes.

**Phase Genomics:** Revolutionizing genome and microbiome sequencing, creating high-quality genome assemblies from samples that contain one or multiple organisms, solving one of today's greatest genomic challenges.

**PvP Biologics:** Developing an oral therapeutic for celiac disease, an inflammatory intestinal immune response to gluten protein contained in wheat, rye or barley.

**Robodub:** Developing Morphing drone technology. Its patented technology allows the multi-rotor drones to morph their shapes in mid-air.

**Silene Biotech** (formerly miPS Labs): Offers consumers cell preservation and personalized stem cell generation.

**Stasys Medical:** Developed a novel, rapid device capable of measuring blood coagulation dynamics during the crucial primary hemostasis phase of clotting — when a clot is first forming at the site of injury.

**The Refined Story:** Redefining the future of education.

**ThruWave:** Provides state-of-the-art millimeter-wave (mmW) 3D imagers for markets such as quality control, security, robotics and construction.

**Ultrabio Technologies:** In-vitro diagnostics company with a HIV-1 quantification kit capable of detecting and monitoring latent HIV infections, such as those in people in the early stages of infection or who have received anti-retroviral therapy.

**Virvio:** Developing innovative solutions to treat infectious disease, specifically influenza virus.

## CoMotion Labs @ HQ



**5D Realities:** Takes 3D experiences to a much higher sense of reality.

**Anatomy Next:** Augmented reality, web based software for medical education and healthcare professionals.

**AstroHappy LLC:** Robyn Miller's foray into room-sized virtual-reality adventure games.

**BangAud.io:** Provides 360° interactive audio services, including music, foley, technical sound design, implementation, and holographic musical instrument design.

**Binomial:** Goal is to make one texture compressor for all relevant GPUs, and to make one of the best texture compressors on the market-- in terms of quality, speed, and compressed size.

**Electric Dream Factory:** XR content studio focusing on innovating cinematic experiences for both immersive and traditional platforms.

**Eugene Capon:** VR evangelist/designer and co-founder of the VR software company ensoVerse. He also runs the online brand Capon Design, which produces content teaching design and the ever-changing VR landscape to the general public.

**Fair Worlds:** Creates immersive xR experiences to build a brighter future.

**Imbue Media:** Creates high quality 360 films for brands and nonprofits in the outdoor industry.

**Immersive Square:** Service platform aiming to increase accessibility to mixed reality content and bring immersive, impactful experience to anywhere, anyone.

**Invrse Reality:** Creating an immersive operating system that makes interaction with the real and virtual worlds as seamless as possible, while keeping users connected across multiple hardware platforms.

**Invrse Studios:** Seattle-based virtual reality (VR) software studio that creates exciting room-scale content with an emphasis on the user experience and original interactions.

**Laura Lantz: Game** designer creating playful VR experiences and working to shape the future of learning.

**MultiModal Health:** Develops connected platforms using affordable sensing and analytic technology to understand and improve health for everyone.

**Odd Atom:** Asset distribution for mixed reality applications.

**Omnivor:** Opening a new world for story-tellers with truly immersive live-action content for AR/VR.

**Pear Medical:** Builds mixed reality software that helps doctors better understand and navigate complex patient-specific anatomy before, during, and after procedures.

**Pixel Fyzz:** Creates immersive worlds.

**ScapeHop:** Provides tools that augment human intelligence. Mind Map AR is its first product. The app enables users to build 3D information graphs in augmented reality using the Google Tango platform.

**scobot:** Explores what it means to create fine art both in and for Virtual Reality.

**SIXR:** 501c3 nonprofit working to improve access for under-represented groups in the VR/AR/360 community, making pioneering waves with cinematic VR events and educational resources.

**Spektra VR:** Creating a location-based, multi-person, "4D" virtual reality experience with physical props, environmental effects, beautiful design, and an engaging story.

**Starbird Reality:** Media company that covers and creates VR, AR, and other immersive technologies.

**StroodleDoodle:** Fun, 3D modeling tool for virtual reality where everything is 3D printable.

**Tosolini Productions:** Delivers business storytelling solutions using emerging media such as AR/VR, 3D virtual tours, and interactive touch displays, using robust R&D to propel their velocity of innovation.

**TXO Production:** Entertainment company featuring FutureMe.tv™, the authentic brand for teens faced with "what do I wanna be?" by offering carefully curated video shorts featuring STEAM (Science, Technology, Engineering, Art, and Mathematics) industry experts.

**Verge of Brilliance:** Creates meaningful experiences with brilliant and beautifully designed games.

**VRGONAUTS:** User experience design consultancy for VR/AR and traditional screen-based technologies.

**WiBotic:** Provides wireless charging and battery intelligence solutions for robotics.

CoMotion Labs @

# Startup Hall



**Bluecore:** Delivers behavioral and product data in one system, powering immediate marketing action as unique as your customers.

**Bunker Labs:** Veteran entrepreneurs and their key staff members learn from one another in an environment of peer-to-peer collaboration and accountability.

**Circle of Friends:** 501(c) (3) nonprofit organization, exists to give all human beings who face mental health challenges, homelessness or addiction, a fresh chance to find their identity and a reservoir of healing through art programs in visual arts, music, writing and drama. Our programs serve as a natural enduring catalyst to aid people in their recovery.

**DFS Labs:** Engages in seed stage investing and rapid prototyping of internally generated ideas to create the breakthrough fintech innovations that will profitably bring households in developing countries from the cash economy into the digital financial realm.

**Doodlebase:** Database tool for real-time reporting & analytics on your data. Doodlebase "plugs in" to your existing database infrastructure, enabling everyone at your company to view, build, and interact with real-time data, from the comfort of their favorite reporting software.

**EVOECO:** Driven to provide educational and environmentally sustainable tools to everyday consumers.

**Handimaps:** Creates maps of large indoor event spaces based solely on accessibility. These maps take into account the user's specific accessibility issue and creates a custom path for them to move freely about the venue whenever and wherever they want.

**Institute of Interdisciplinary Scientists:** Dedicated to build a whole picture of scientific disciplines, promote the communication between scientists of diverse backgrounds, and foster interdisciplinary innovations for the benefit of humanity.

**Karat:** An organization's dedicated hiring engineer.

**KLOA:** Makes mobile text input predictable and accurate.

**LogicMatter:** Offers cloud business intelligence and big data services.

**Lubris BioPharma:** Biopharmaceutical company developing recombinant human lubricin for the treatment of dry eye, osteoarthritis and other age & inflammation-related conditions.

**Lula Robotics:** Making co-workers -- Connecting robots to the world through vision and motion for human-level reaction and adaptation.

**Mangone & CO, LLC:** Idea lab that builds, scales and consults early stage companies. We choose to work on hard problems that affect real, sustainable societal change.

**MAYA Health:** Re-conceptualizes a “preventative healthcare” model in rural and lower socioeconomic segments in India through the development of local healthcare workers.

**New Audience Media:** Revolutionizes the digital advertising industry by redistributing media dollars to organizations who could not profit from it previously.

**Noonum:** Analysis by machines, decisions by humans.

**RosHub Inc.:** Robotics cloud, providing connectivity and fleet management for robotics equipment.

**SROI Network Japan:** Promoting a grant foundation, corporate CSR officials, public institutions wanting to evaluate subsidies and subsidies, NPOs that want to quantitatively evaluate the outcome of their business and disseminate it to society and social enterprises.

**Stabilitas:** Serving Global 2000 companies with A.I.-powered critical communications.

**STΦ Therapeutics:** Develops innovative diagnostic reagents, cellular therapeutics technologies and engineered cell products to help cure human diseases, including cancer, autoimmune disease, virus-infection diseases and aging.

**Swurveys:** All-Swipe/No-Type experience, users can engage with ideas, services, product, and brand.

**TouchBase, Inc.:** Provides a mobile platform to solve the disconnect between sales and marketing in business-to-business operations.

**Trybeo:** Allows communities to live amazing experiences everyday by creating challenges.

**Virta Laboratories:** Designs tools for health delivery organizations to prioritize, visualize, and reduce cyber risk.

**Weblife Balance:** Enhances online security and privacy by providing users with a secure desktop client with which to connect.

# Graduated Teams



**100-Year Lightbulb:** A lightbulb that lasts 100 years.

**AME Commerce:** Offers merchants a mobile-optimized and functional website at boarding, with custom text, photos, widgets and design.

**AnswerDash:** Developed contextual Q&A technology that empowers web users on both desktop and mobile platforms with the right information, at the right time, in the right place.

**Blaze Clinical:** Finding new ways to recruit and retain clinical trial patients.

**Bonsai Corp:** A clan of designers, developers and marketers dedicated to cultivating a profitable online presence for our clients.

**C-SATS:** Performance management system for evaluating and improving technique in healthcare professionals, rapidly, accurately and cost effectively.

**ChooseVets:** Connecting military veterans who need work with customers who need to hire service providers.

**Citizen Input Project:** Creating a technological infrastructure to support grassroots campaigns for public office.

**Cody:** Fitness video training with top coaches and a supportive community.

**Crowsnest:** Helps you create a better IoT experience.

**Deelightful Labs:** Dedicated to discovering new and impactful applications for modern technology.

**Earshot:** Machine learning-powered listening for teachers during a class period which then analyzes it and presents it back for immediate use.

**eMobileCare:** Provides remote monitoring of the well-being of loved ones by the use of mobile devices, instant notification of critical situation, based on health or environment related events, is sent to family and caregivers.

**Digital TechBox:** Technology Platform Company building analytics focussed product for small businesses.

**Dopl:** Provides highly relevant and easily discoverable recommendations uniquely tailored to individual people.

**Drift** (Formerly “Wovn Energy”): Making it super simple for consumers and small to medium business owners to buy the energy they want at wholesale rates.

**Fasterbids:** Powerful web app that quotes custom configured building materials like windows and doors.

**HubTag:** eSport technology company providing software and resources to streamline video game competitions and broadcasting.

**ID Genomics:** Specializes in nucleotide sequence-based molecular diagnostics and epidemiologic analysis of microbial pathogens, providing fast, high-resolution clonal identification for clinical microbiology and research laboratories.

**Inside Sales Bootcamp:** Focuses on training individuals skills to help launch careers, give students access to an amazing network of companies and individuals that want to give back, and have partnerships to connect great companies with great talent.

**Kinwolfe:** Creates clothing that can be worn from bump to breastfeeding, back to work and beyond.

**Kitotech:** Revolutionizing wound care with KitoStitch, a disposable product that can be painlessly applied to the skin, enabling the closure of deep wounds.

**Linktank:** Makes it easy to foster influence and connect with expertise on issues that matter to the world. Our subscription service curates trusted sources for research, events, experts and more, tying them together with machine learning into a single, simple interface. Linktank gives everyday people access and power.

**LodeSpin Labs:** Develops nanoparticle contrast agents and tracers optimized for a variety of medical imaging modalities and applications.

**Malaria No More:** We use our innovative partnerships and focused advocacy to elevate malaria on the global health agenda, create political will and mobilize the global resources required to achieve malaria eradication within a generation.

**Matcherino:** Provides a platform for the eSports industry so fans can influence their entertainment.

**MoreThanPlus:** Developing a matching service to help companies with analytic job openings and candidates find each other.

**MorningFame:** Provides gamified web analytics for aspiring individuals to grow their content outreach.

**Nortis:** Developing the next generation of in-vitro systems that will allow scientists to better understand the causes of human disease.

**Patchr:** Fast and fun way for pop-up groups to share photos, messages and stay connected.

**Phoresa Diagnostics:** Developing point-of-care clinical diagnostics tools that will improve patient care, reduce physician resource strain, and save money for taxpayers.

**Poppy:** A modern childcare solution that sets your family up with a team of talented and thoroughly vetted sitters via text message.

**Pryvy:** Protected, private sharing & messaging apps for kids.

**Qrawd:** Lets you discover the most happening events around you.

**Ridegreen:** Shared service platform that enable rideshare services, carpooling, parking sharing, tour guide and room booking services.

**Seattle Sensor Systems:** Commercializes molecular detection systems based on portable surface plasmon resonance (SPR) technology, currently targeting the food safety market, with a focus on detecting food allergens.

**Senosis Health:** Develops smartphone applications that help people know how to respond to a medical problem at home.

**SNUPI:** Technology that will market small wireless, battery-powered sensing devices that can detect a variety of home hazards, such as water leaks, for decades on a single coin cell battery. Acquired by Sears in 2015.

**Soluxra:** Produces advanced polymer materials for application as key components in the next generation of telecommunications, optical computing and clean energy devices.

**Spacedecode, Inc.:** Helps software developers build, test and continuously deploy using one tool, and without setting up servers.

**Spike Techniques:** Recognized Industry professionals working with modern technologies inspired by studio design.

**Stella Therapeutics:** Developing first-in-class small molecules that hold the promise of curing Glioblastoma Multiforme (GBM), the most common and deadliest malignant brain tumor, while maintaining patient quality of life.

**Streamline:** Helps the real estate industry make data-driven decisions by predicting the outcome of a decision before it's made. Understanding the strength of a location, pool of customer base, consumer behavior patterns, and the future of a market allows businesses to grow intelligently.

**Tack Technologies:** Creating an inclusive communication and management platform for student organizations, smaller student groups, and startups.

**Turi:** The culmination of years of research and development into graph computation, distributed computing, and machine learning, resulting in unmatched performance and scalability in challenging machine learning tasks.

**Urban@UW:** Unites the engineering and humanities fields to improve the sustainability and well-being of cities, with a focus on Seattle and the urban campus of the University of Washington.

**Vicis:** Designing new football helmet technology that is showing unprecedented reduction in the forces likely to cause concussion.

**Washington State Opportunity Scholarship:** Created to combat rising tuition costs by providing financial help to students in low to middle-income families.

**YogaFamily:** Mission is to connect families through the power of yoga.

**Zwitter Technologies:** Addressing the challenging and widespread industry issue of biofouling -- the nonspecific attachment of unwanted biomolecules and microorganisms onto a surface.

**Zyring:** A platform to learn technical skills by working on iOS, Javascript, Frontend, and Machine Learning projects to obtain professional experiences.

