Leonhardt Ventures
2013 Annual Report Newsletter

The past year was a productive year for Leonhardt Ventures with great progress made on many fronts.

Our focus continues to be:

1. Products for treating cardiovascular disease (14 innovations under development led by Bioheart, Stem Cell Bra, MyoStim Pacers and BioLeonhardt).

2. Social good impact (14 innovations under development led by The California Stock Exchange).

Since our founding in 1982 we have raised and put to work $145 million. Our Leonhardt direct patented inventions (21) have treated more than 200,000 patients. Leonhardt products have generated more than $3 billion in revenues and have created over 75,000 jobs.

Howard J. Leonhardt
Founder, Chairman & CEO
Leonhardt Ventures
& Cal-X Stars Business Accelerator, Inc.
2013 Summary

2013 was a year of great progress for Leonhardt Ventures and Cal-X Stars Business Accelerator, Inc.

We surpassed our 200,000th patient treated with a Leonhardt patented invention in 2013.

We recruited over 70 super talented members to our management team and advisory boards. We were issued by the U.S. Patent and Trademark office the official trademark rights to The California Stock Exchange TM (Cal-X). We presented our 14 cardiovascular innovations at over a dozen leading cardiology and stem cell therapies focused meetings. We presented at over 40 crowdfunding and social good impact meetings. We recruited more than 200 affiliate partners for Cal-X.

We developed the world’s first programmable implantable stem cell pump - Stem Cell Pump and BioLeonhardt and later added electrical stimulation capability. We established a working relationship with the teams at The Gladstone Institute (Nobel Prize Winning) in San Francisco, the University of Utrecht in The Netherlands and the University of Rome to conduct the first studies of these new inventions. We invented the first device designed to fully direct stem cell therapies, recruiting stem cells to a specific organ and then differentiating them into useful tissues non-invasively with a wireless energy device - Stemergy and AortaCell. We are applying this first to treating aortic aneurysms and dental gum disease. We developed and filed a patent application for the world’s first stem cell bra that is designed to utilize non-invasive energy to recruit a women’s own stem cells to her breast tissue for augmenting fullness or for breast cancer recovering. We are working with Dr. Joel Aronowitz the renowned researcher and clinician at Cedars Sinai UCLA to carefully design studies to document the safety and efficacy of this product. We began collaboration with Dr. Warren Sherman the Director of Cardiovascular Stem Cell Research at Columbia University to study our EndoCell product utilizing endothelial progenitor cell injections into adventia tissue to repair damaged arteries.

We co-hosted numerous conferences and meetings including CrowdImpact “The world’s largest social good impact crowdfunding event”. We were covered by major news outlets such as Forbes, NowStreet News, Crowdfund Insider, INC. Magazine, BizBest Shortlist, Santa Monica Daily News, San Diego Source, NorthBay Biz, The Examiner and Businessweek. We partnered with Chic-CEO a women’s
entrepreneurship network that has grown to more than 50,000 members. We proudly sponsored and actively participated in The California Women’s Conference, Solve Conference for Women held by Chic-CEO, Dolphin Tank Panel, TedXAmerica’s Finest City Women, Tech.co, Startup Sessions @ Google Ventures Startup Labs and Vator.tv, Startup Weekends, Appreciation of Women in Business, CrowdImpact, Crowdfunding California, Silicon Valley Crowdfunding Summit, Startup California and 40 other crowdfunding conferences.

Leonhardt Vineyards released its first ever chardonnay vintage and produced our first cabernet sauvignon. For the sixth production vintage year in a row we won the Trader Joe’s account with distribution through their 120 stores in California. We now have surpassed 8500 cases delivered to Trader Joe’s. Our Lucille’s American Cafe (Leonhardt Ventures owns 50% of trade name, trademark, recipes, SOPs and most importantly franchise rights) flagship restaurant in Weston, Florida again surpassed $2 million in sales and was profitable. Leonhardt Ventures designed for Lucille’s American Cafe’s a full franchise and food truck program including utilizing mini-food trucks and scooters from Food Trikes and Scooters another Leonhardt Ventures holding.

We launched Food Trikes & Scooters and built our first units in our new Los Angeles factory. We completed the design of our first mini food truck that is being launched in early 2014. We developed our first Stem Cell Pump prototype working with Core Manufacturing LLC and released a full line micro-infusion pumps for research laboratories on our BioLeonhardt online store. We filed our first patent application for Stem Cell Bra and developed sourcing of all materials for production. We signed an alliance partnership agreement with Alfred Mann’s spinout Core Manufacturing LLC in Valencia, CA for the cGMP production of all our bioactive implants. MyoStim Pacers completed their very first clinical cases with astounding successful results in improving blood flow to and healing target tissues. MyoStim Pacers expanded their scientific and clinical advisory board and designed and launched clinical trials for critical limb ischemia. Biopace teamed up with the Cardiovascular Research Centre at University of Utrecht with Dr. Eric Dukkers and Dr. Peter Doevendans with plans to complete the first-in-man implantation of a biological pacemaker within 18 months.

The SEC release their proposed final rules for Title III equity crowdfunding allowing public comments up to February 3rd, 2014. Cal-X Crowdfund Connect www.calxcrowdfund.com is poised to act on this opportunity when the rules become full law. We hope that our Crowdfund TV show on CNBC will begin
airing in May 2014. Led by show co-creator Clifford Cohen we have signed contracts with both Go Go Luckey Productions and CNBC.

Kindheart Lionheart Media Co. completed their first inspirational short film MELODY and was accepted in the 168 Faith Based Film Festival. Our late friend Cliff Robertson asked us to explore remaking the movie Charly based on the book Flowers for Algernon and we have a task force formed to look further into that opportunity including utilizing outside sourced crowdfunding to fully finance the film. Cliff won an Oscar for his lead role in the original in 1968 that he produced himself with a low budget. The new remake would feature stem cell therapies for treating mental disorders. Kindheart Lionheart promoted artist Ana Free who released her first full album To.Get.Her and topped the charts with two No. 1 hits in Europe on MTV Portugal. She also landed a Volkswagan commercial and is a finalist in the national Guitar Center-Fender Guitar singer songwriter contest. California Love a new online TV show was launched and will begin filming in the spring 2014. We recruited the award winning Tony Cronin as Lead Writer, Director and Producer of the program. The LIONS DEN TV show will go live when equity crowdfunding is fully active. Our Kindheart Lionheart Radio Show highlighting stories of compassion and courage in the marketplace continues to pick up listeners. Our Kindheart Lionheart Inspirational Book Club is working hard to drive membership higher in 2014. We created an alliance with ORIGIN “Conscious Culture” MAGAZINE with a launch of an advertising series highlighting social good impact businesses and conscious capitalism. Our first full page ad is in the January/February issue. ORIGIN MAGAZINE is carried at the check out counters of over 365 Whole Foods stores worldwide amongst other locations.

We believe our 14 cardiovascular innovations are destined to cut in half the expected $40 million in annual expenditures for treating heart failure worldwide and to save and extend more than 25 million lives before this decade is out. We believe our California Stock Xchange is destined to create more than 23 million U.S. jobs this decade, not just any jobs, but jobs people love because they are pursuing their life dreams. We believe we are leading the entry to the new era where doing well by doing good is the norm rather than the exception.

Medtronic, Inc. received FDA approval this year for their percutaneous heart valve system which in part follows the Leonhardt - Greenan U.S. Patent 5,957,949 http://www.google.com.mx/patents/US5957949 we sold to them in 1999. Our patent was the historic first in the series of percutaneous heart valve pat-
ents. Our team is now working on percutaneous systems for decalcifying heart valve leaflets and cell seeding and after sodding them allowing a patient to keep their own natural heart valve without surgery or artificial valve implantation with our Valvublator and MyoValve developments.

Medtronic continues to be the world leader selling our Leonhardt invention and development the TALENT (Valiant) stent graft systems for thoracic and abdominal aortic aneurysm repair without surgery. Their annual report indicated their peripheral vascular sales unit, which the TALENT stent graft is the heart of, is close to reaching $1 billion in annual sales.

Our mentored accelerator portfolio company Degreed.com is revolutionizing life long education with the first digital diploma that grants college like credit for everything you learn in every form.

On November 18th, 2013 we launched the first legal general advertised offering for a bundle of private companies via Cal-X Stars Business Accelerator, Inc., in the USA since 1933 following the new JOBS ACT Title II 506c regulations. MethvenLaw guided us every step of the way.

We are grateful to all those who have joined our movement for social good impact innovation that have helped us in countless ways to develop the leadership position we have achieved.
Top major portfolio innovation and company accomplishments 2013...

Cardiovascular

1. Completed clinical studies necessary to qualify for CE Mark commercial approval of Cardiobrige heart pump on a catheter.
2. Built and tested in human patient clinical trial first prototypes of MyoStim Pacers. Presented highly successful results in first two patients.
3. Built 35 person Scientific Advisory Board for Leonhardt Ventures comprised of leading heart failure physicians and stem cell scientists in the world.
4. Established alliance with the Alfred Mann spin out Core Manufacturing LLC in Valencia, CA for cGMP manufacturing and research.
5. Built first working prototype of Stem Cell Pump.
6. Showcased our cardiovascular portfolio at over a dozen cardiovascular meetings around the world such as Heart Rhythm, Heart Failure Society of America & TCT.
8. Developed working relationship with Gladstone Institute, University of Utrecht and University of Rome for advancing BioLeonhardt studies.
9. Developed alliances for Stem Cells Bra with Dr. Joel Aronowitz of Cedars Sinai UCLA and BioCell Therapies and filed patent application.
10. Conducted first BioPace cell experiments in the Netherlands and launched pre-clinical program.
11. Launched for sale full lineup of cardiovascular genetic tests and @ home monitoring devices via HeartScore and HistoPath Technologies.
13. Prepared provisional patent application for STEMERGY world’s first wireless non-invasive electrical...
energy devices for directing stem cell therapies.

14. Established design of new percutaneous delivered left ventricular pressure sensor with dissolvable cone tip dart design and musket type plunger delivery catheter.

15. Developed working relationship with Dr. Warren Sherman  Director, Stem Cell Research and Regenerative Medicine @ Columbia University for EndoCell endothelial progenitor cell of arteries research.
Social Good Impact

1. Showcased our social good impact portfolio at over 40 crowdfunding and social good impact financing conferences.
2. Chic-CEO our women’s entrepreneurship network grew from 16,000 to over 50,000 members!
3. Co-hosted as Title Sponsor with Crowdfunder.com CrowdImpact in Santa Monica the largest social good impact crowdfunding meeting in the world with over 250 participants.
4. Helped support the launch the SOLVE Conference for Women under Chic-CEO’s leadership.
5. Hosted CALIFORNIA CROWDFUNDING in Santa Monica an educational seminar on The California Qualification by Permit intrastate crowdfunding regulations.
6. Developed software for the first ever ONE TAP pledge crowdfunding app for listeners to buy a portion of the publishing rights of songs played on our own online radio station OR any other station.
7. Launched beta test of Radio Veronica USA our online radio station built for crowdfund purchasing of a portion of the publishing rights of songs.
8. FULL LAUNCHED Right Clearing www.rightclearing.com our portfolio company online music licensing platform.
10. Sold over 800 cases of Leonhardt Vineyards Zinfandel and Chardonnay wines via 120 Trader Joe’s stores in California.
11. Sold co-created Crowdfund: The American Dream to CNBC to air spring 2014 and signed contract to co-host the show.
12. Launched the first legal stock offering of a bundle of private companies since 1933 (Cal-X Stars Accelerator portfolio) following Title II 506c of the new JOBS ACT.
13. The California Stock Xchange was featured in over a dozen major publications and media outlets worldwide.
14. Cal-X Crowdfund Connect developed over 50 affiliate partnerships.
15. Leonhardt Ventures & Cal-X Stars Business Accelerator, Inc. signed up over 70 world class mentors, advisors and team members.
Major goals for 2014...

Cardiovascular

1. Commercial launch of the Cardiobridge circulatory (heart) assist pump on a catheter - $30 million in sales.
2. Complete enrollment in Bioheart Phase III pivotal MIRROR trial for muscle stem cells for treating advanced heart failure. Goal is to save over 25 million lives of people suffering of heart failure.
5. Complete historic first-in-man safety and efficacy clinical study of Stem Cell Bra - world’s first stem cell recruiting (via homing signal) women’s bra able to build new breast tissue.
8. Complete Phase II clinical study of MyoStim Pacers peripheral electrical stimulation device for treating critical limb ischemia and diabetic foot ulcers (with improved blood flow and wound healing).
9. Generate $3 million in sales of BioLeonhardt implantable stem cell and growth factor pumps to research laboratories.
11. Complete pre-clinical studies of Stem Cell Pump and electrical stimulation (MyoStim Pacers) combination product and file patent applications.
12. Complete EndoCell pre-clinical studies.
13. Complete Procyrion pre-clinical studies.
14. Complete STEMERGY pre-clinical studies.
15. Complete Coro-Stim pre-clinical studies.
16. Launch Leonhardt Ventures + Cal-X Stars LIFE SCIENCE INCUBATOR in Santa Monica with multiple partnerships.
17. Complete pre-clinical studies for Valvublator and MyoValve for repairing heart valve leaflets without surgery.
18. File over a dozen new patent applications for our technologies and improvements.
19. Complete pre-clinical studies of LVSENS left ventricle pressure sensor delivered percutaneously.
20. Attend over 20 cardiovascular and heart failure meetings showcasing our technologies.
Major goals for 2014...

Social Good Impact

2. Develop $12 million in revenues for Food Trikes and Scooters www.foodtrikesandscooters.com
3. File The California Stock Exchange complete application with the SEC.
5. Increase Kindheart Lionheart Book Club membership to over 1000 members www.kindheartlionheart.com
7. Launch the California-Love.co TV show on The Kindheart Lionheart YouTube Channel and add additional shows to channel. Partnership with The Young Turks show and Intelligence for Life Radio.
12. Fully launch www.cal-xport.com Cal-Xports at the leading go to site to source products from California Exporters. Hold “How to Export” seminars.
16. Build prototype of V-Leonhardt high tech bus for business and tech commuters (San Francisco and LA).
17. Launch CrowdFund! The American Dream TV Show on CNBC primetime. Achieve more than 20 million viewers per episode.
18. Help Koffeehouse Music to grow to be premier music showcase company in Los Angeles area.
19. Help www.koodooz.com to grow to be leading youth advocacy organization.
21. Help build the campaign to crowdfund the re-make of Charly “Flowers for Algernon” - Oscar winning Cliff Robertson film from 1968 about mental illness cured.
23. Finish screen play, novel and promotional campaign launch for Dolphin Smiles: The Legend of Kindheart Lionheart spiritual tale of dolphin that remembers his previous life as a human.
25. Sell three Lucille’s American Cafe restaurant franchises and launch 10 Lucille’s food scooters - www.lucillescafe.com
26. Hold the 2nd Annual CrowdImpact “world’s largest social enterprise event” in partnership with www.crowdfunder.com
Cardiovascular Markets

We Are Addressing at Leonhardt Ventures and Cal-X Stars

Heart Failure - $40 billion+ worldwide. Leading cause of hospitalization in the USA. Single leading economic drain on Medicare. BioLeonhardt, MyoStim Pacers, Bioheart, Cardiobridge, Heartscore, Procyrion

Breast Augmentation - Over 1 billion women worldwide seek a natural non-surgical way to enhance their breast fullness. Stem Cell Bra, BioCell Therapies, Stem Cell Pump

Heart Valve Repair - The minimal invasive market for repairing heart valves is expected to exceed $2 billion annually this decade. Valvublator, MyoValve

Blood Flow Ischemia Treatment - Over 15.8 million Americans have coronary blood flow problems. Over 1 million Americans have critical limb ischemia. The coronary and peripheral blood flow improvements markets are expected to exceed $5 billion annually this decade. MyoStim Pacers, CoroStim, EndoCell

Aortic Aneurysms - There are over 63,000 aortic aneurysm repairs in the USA each year. The number worldwide is expected to reach over 500,000 annually this decade. Sales in this sector should exceed $3 billion annually. AortaCell unit of STEMERGY

An estimated 24 million people worldwide suffer from abdominal aortic aneurysms (AAA), an abnormal enlargement of the large blood vessel (aorta) that supplies blood to the abdomen, pelvis and legs. Left untreated, most aneurysms will eventually rupture, with life-threatening consequences. In the U.S. alone, approximately 15,000 people die every year due to an AAA rupture.
Social Good Impact Markets

Social Good Impact Stock Exchange - Our goal is to get the valuation of this pioneering first social good impact stock exchange in the USA up to > $9 billion value within the decade.

Crowdfunding - We believe the market for crowdfunding support services will surpass $15 billion annually before this decade is out.

Accelerator Services - Y Combinator the leading accelerator surpassed portfolio value of $8 billion in their 6th year in business. We have a goal to beat this benchmark. Y Combinator did with computer apps for renting out your back room, DropBox storage and Reddit. Our developments amongst other things are striving to cut the $40 billion cost of heart failure care in half and save over 25 million lives this decade alone.

Mini-Food Trucks - Our solar and electric powered mini food trucks financed with microloan programs and supported with entrepreneurial training and support systems can achieve more than $1 billion in sales worldwide before the decade is out.

Super High Tech Bus Service - We are going to start with two super buses in LA and San Francisco and see if we can change the way people think about buses. We believe if we do it right we could possibly totally revolutionize travel in the USA and beyond. Market is potential $10 billion+ if done right.

Inspirational books, movies, music & TV - Market exceeds $5 billion.

Disruptive Education - Life Long Learning - Modern Digital Learning - We hope to establish the EVERYONE is in college for life. Realistic market is over 500 million people worldwide.

Women’s Entrepreneurial Support Services - Market exceeds 300 million women entrepreneurs worldwide.

Export Support Services - The U.S. is 5% of the world’s population. 95% of the potential customers for any product live outside the U.S. Exports a growing rapidly. Market exceeds $1 billion.
• Circulatory assist pump on a catheter. Helps heart failure patients recover by reviving organs.
• Completed clinical studies necessary to qualify for CE Mark.
• Presented clinical data at numerous conferences including TCT San Francisco and Heart Failure Society of America Annual Meeting side Technology Showcase.
* Via Leonhardt Ventures engaged Jane Reedy as Clinical & Regulatory consultant to plan U.S. clinical trials plan.
* Via Leonhardt Ventures engaged Dr. Mark Cunningham of USC Keck Center Heart Failure and Cardiac Surgery Unit as consultant to plan U.S. clinical trials.
* Via Leonhardt Ventures engaged Drs. William Abraham and Barry Greenberg heart failure leaders to help plan U.S. clinical trials.

“Highest improvement of renal flow of any temporary circulatory assist pump. In 2014 we will market launch in Europe with CE Mark in place and will prepare our application for FDA market
• Muscle stem cell therapy for treating heart failure.
• Bioheart has invested $145 million to advance to pivotal Phase III trial. 33 leading U.S. heart failure centers participated in MARVEL Phase II/III study.
• Bioheart MyoCell is outpeforming all competitive products. Mesoblast worth $2 billion achieved 53 meters improvement compared to Bioheart MyoCell 95.7 meters improvement in exercise capacity. CHF drugs achieve minus 4 meters decline. $8 billion is spent on CHF drugs a year. True placebo patients decline 20 meters. CRT Pacer patients improve 16-20 meters. Bioheart MyoCell achieved 95.7 meters with only one half hour session of injections. If we come back and give more sessions of injections the improvement can be much higher (published in European Heart Journal pre-clinical study Prosper et al.)
• Bioheart MyoCell is only therapy able to grow new contractile muscle in heart scar tissue.

* Bioheart launched enrollment in Phase III MIRROR clinical trial in 2013.

"After 13 years of clinical studies Bioheart's MyoCell has proven it's ability to nearly double the performance of all other stem cell types in converting myocardial scar tissue in advanced heart failure patients to functioning muscle. Bioheart MyoCell has achieved 95.7 meters improvement in exercise capacity over placebo patients on optimal CHF drugs (-4 meters). $8 billion is spent on CHF drugs each year providing a minus 4 meters decline. This compares well to CRT pacers and allogeneic bone marrow derived stem cells which achieve 16 and 10 meters improvement. No other cell type tested to date has surpassed 53 meters improvement. Bioheart's 2nd generation MyoCell SDF-1 combined with repeat injections is expected to surpass 200 meters improvement based on pre-clinical supporting data from Cleveland Clinic and The University of Florida. The future looks bright for Bioheart based on the superior performance of our technologies."
• World’s first heart pacemaker able to recruit stem cells to damaged heart tissue with patented signal to convert stem cells to beating heart muscle.
  * Completed first successful clinical cases with MyoStim Peripheral Stimulator. Greatly accelerated healing of diabetic foot ulcers.
• 2nd product is able to accelerate wound healing and to improve blood flow in limbs – especially useful in treating diabetic foot ulcers.
• Incredible patent portfolio of 3 issued pioneering patents.
• Recruited key scientific advisory board and management team members.
• Paper published in Circulation on technology of one of three pioneering patents showing substantial improvement of blood flow.
• David Holmes, M.D. of Mayo Clinic and 2011 President of the American College of Cardiology believes this may be the most important invention yet in the history of treating heart failure.
• Market for stem cell recruiting heart pacer exceeds $9 billion.

Alan Remen CEO

“In 2013 we completed our first clinical cases with our electrical stimulation devices with great success. We believe our peripheral device will be proven through continued studies to be the most effective treatment for critical limb ischemia and diabetic foot ulcers - a $15 billion market. Our heart repairing device has the only patented signal known to man that is able to convert recruited stem cells to become beating heart cells. This product has potential to capture a lions share of the $9 billion plus market for treating advanced heart failure with very few working effective alternatives available. Our three issued pioneering patents and positive published supporting data in prestigious peer reviewed journals such at the American Heart Association’s CIRCULATION put us in the clear leadership position in this new emerging product category.”
Dr. William Abraham, Chairman Scientific Advisory Board - Leonhardt Ventures

“In the 1990’s I was lucky enough to be involved with the first clinical studies of CRT/ICD heart failure pacemakers. That technology was a great leap forward but failed to address the fundamental issue that failing hearts with large scars need that scar tissue converted to contractile muscle if the patient is truly to fully recover. The potential for this technology to fill that gap is truly exciting. We look forward to participating in well designed controlled clinical trials to determine if this great promise is realized.”
- World's first pacemaker made of living cells.
- Four issued patents.
- Plan in place to complete first-in-man implant in history of a biological pacemaker in The Netherlands within 12 months.
* Initiated pre-clinical studies in The Netherlands with Dr. Eric Duckers. First studies combining electrical stimulation during the cell culturing process initiated.

* Note – 10% of capital raised for BioPace and MyoStim Pacers goes to Bioheart and 3% royalty on all sales.

“The day we un-connected the supporting electrical battery powered pacemakers and learned that the biological pacemakers, made entirely of living cells, we had implanted some weeks before had fully recovered all three of the dogs we treated for complete heart block we had tingles in our spines knowing that we had achieved a first ever historic milestone. 2014 BioPace has a clear goal to complete the first-in-man studies in Utrecht, The Netherlands with Dr. Eric Duckers and Dr. Pieter Doevidans. This should electrify the world. This is truly an exciting time and I am so proud to be a part of this great project.”
• Unique combination gene and cell therapy treatment supported by hydrogel and electrical stimulation for treating advanced heart failure.
• First stem cell heart failure treatment method to pre-treat scar, treat scar and post treat scar. Combines all knowledge gained since 1980’s.
• Initiated research in Utrecht, The Netherlands, University of Rome and The Gladstone Institute.
• Developed Stem Cell Pump prototype to be used in conjunction with BioLeonhardt therapeutic compositions.

**BioLeonhardt is expected to pay 1% royalties each to Ipierian, Utrecht hydrogel, Ono Pharm, Jueventas, MyoStim and Bioheart = 6% – final agreements pending. We will complete feasibility in The Netherlands first to prove that the patent pending combination technology works more effective and safer than other therapies.

“The BioLeonhardt concept of pre-treating scar, treating scar and post-treatment scar with a combination of cells, genes, growth factors and nutrient hydrogel delivered over time repeatedly with an implantable stem cell pump and electrical stimulation therapy makes a lot of sense based on more than 20 years of supporting data for each component. This is following what farmers do when they create a successful crop. In our case we are committed to testing these methods to optimize the creation of new contractile muscle in the scar tissue of advanced heart failure patients - which is overwhelming great need. If this works as we hope it will be the clear choice of treatment for over 50 million people suffering of heart failure worldwide.”
The World’s First, Smallest, High precision, Wirelessly controlled, Programmable Implantable Micro Infusion Pump for Mice

Implantable, Programmable and Refillable

Bottom View

- Outlet Tubing
- Wire Antenna
- Cam
- Power Switch
- Finger Pin
- Chip Antenna

Top View

- Septum Port
- Reservoir

H: 7.2 mm  Weight: 3.3 g  Volume: 2.15cc

15.0 mm  24.8 mm
• World’s first stem cell recruiting bra.
• Utilizes electrical stimulation to create homing signal in breast tissue to recruit stem cells from a women’s fat and bone marrow. Patent pending.
• Every 12 weeks of stimulation should increase breast fullness and size by one cup size ie; C to D.
• Disposable conductive gelatin liners are sold to line bras which are connected to the cell phone size electrical stimulators via two thin wires.
• Working with Dr. Joel Aronowitz leading breast cancer and augmentation physician in the USA at Cedars Sinai UCLA.
• Dr. Aronowitz helped treat the actress Suzzane Sommers for breast cancer recovery with stem cells.

“We have been studying in the injection of autologous fat and stem cells for breast re-construction for a number of years now. A non-invasive therapy such as Stem Cell Bra that utilizes a homing signal to draw a woman’s own stem cells to her breast tissue could be an ideal augment or even replacement to stem cell injection protocols. We are really excited about studying carefully this innovative technology further. We are proud that the company has selected Cedars Sinai UCLA as it’s principal investigation site for it’s pioneering first-in-man clinical trials.”
• A single composite score for heart disease risk loaded on a real
time monitoring watch that drives the baseline score up or down
depending on the patient's diet, exercise and adherence with physi-
cian prescribed medicines and protocols.
• Combines a panel of genetic tests, blood tests and artery scan
and a real time monitoring watch.
• The SecondBeat real time infrared sensor endothelial function
monitoring watch.
* Launched genetic tests for sale in the USA in partnership with HistoPath Genomics.

“In 2013 HeartScore’s partner company HistoPath Genomics achieved $200,000 in sales of non-cardiovascular genetic tests in our first month on the market. In 2014 we will be launching the full cardiovascular panel through HeartScore utilizing our common nationwide sales force. HeartScore’s plan to combine genetic, blood and scan test data with real time at home monitoring puts us at the forefront of modern care for cardiovascular patients. We have a goal to be the undisputed leader in the emerging field of personalized cardiovascular patient care.”
AortaCell

• First product to treat aortic aneurysms non-invasively with an abdominal belt that emits an electrical signal that causes aortic wall tissue to recruit stem cells.
• A 2nd product utilizes muscle stem cell injections to help repair aortic aneurysms with or without stent grafts.

STEMERGY is developing full line of wireless energy devices for non-invasively directing stem cell therapies.

* Prepared patent application to be filed !q 2014.

“The potential of repairing smaller aortic aneurysms non-invasively without intervention or surgery is truly exciting and worth exploring further. We worked with the Leonhardt team in the 1990’s to clinical evaluate some of their first endovascular stent grafts for aortic aneurysm repair that turned out to be proven over time to be amongst the best and most durable ever developed. We would not be surprised at all if this team again leads the field in an entirely new direction of aneurysm repair.”
• World’s first method and composition to reline damaged coronary arteries with endothelium cells.
• Following athrectomy (scraping plaque out of coronary arteries) the walls are damaged. We inject endothelial progenitor cells via a micro needle catheter to grow a new living cell vessel liner.
  * Developed supply arrangement with Mercator Medical Systems for catheters.
  * Developed relationship with Bioheart, Inc. for adipose derived cells collection kits.

“Repairing arteries with living endothelial progenitors cells the way they are built in the first place makes a lot of sense and is worth exploring further.”
• World’s first implantable heart pacemaker with vibrational signal to prevent plaque from forming in coronary arteries.

* Prepared patent application to be filed 1Q 2014.

“In the late 1980’s I observed that barnacles do not form on boat hauls that are vibrated. I set about immediately after witnessing this phenomena to develop the CoroStim device to bring the same protection against plaque formation to human coronary arteries.”
Valvulblator & MyoValve

- World’s first method for cell seeded heart valve leaflets invivo or invitro to reduce risk of calcification.
- World’s first device to clean calcification from heart valve leaflets without surgery to allow patient to keep their own heart valve.

* Prepared patent application to be filed 1Q 2014.

“The the 1980’s Dr. Domingos Moreaus the renowned cardiac surgeon from Brazil taught me that a person is always better off keeping their own heart valve if they can. He showed me that often times only a small amount of calcification needed to be scrapped from the leaflet tips. The only way to do that then was with open chest by-pass surgery. I asked Dr. Moreaus why they had to cut open the chest and the heart just to do such a minor cleaning. He asked me to get working on a better less invasive way to do it and I did. Our resulting Valvulblator invention is designed to de-calcify heart valves without surgery with a minimally invasive catheter.”

Mark J. Cunningham, M.D.
• First temporary implantable heart pump housed in nitinol framework.

* Pre-clinical studies in preparation for Phase I clinical study are in progress.

“Our 6mm pump decreases the workload of the heart while increasing circulation. We give cardiologists a tool that lets the heart rest and heal without surgery.”
• Working with Core Manufacturing LLC produced first working prototypes ready to enter pre-clinical studies in 2014.

“The Leonhardt Ventures team came to us to produce their Stem Cell Pump based on our years of experience building implantable pacemakers, insulin and pain control pumps. This was a natural easy fit for us.”

“We worked with Leonhardt and his team in 2008 to 2010 to prove out and publish in the European Heart Journal that repeat injections of muscle stem cells with micro-needle catheters provided dramatically superior functional improvement results than just a single injection session. Now again the Leonhardt team are potentially obsoleting their own breakthrough with an even better solution. We look forward to properly studying this new invention and publishing the results.”
LV Sens Implantable Heart Sensor

- Unique implantable sensor for heart failure patients.

* Developed unique design with dissolvable cone.

* Developed relationship with Bioheart to utilize patented Leonhardt & Lashinski delivery system with musket and plunger to push LV sensor dart into myocardial tissue.

“A percutaneous catheter delivered real time left ventricle monitoring sensor is what we have been waiting for to better care for advanced heart failure patients. If this technology works as planned it is a major breakthrough in the field.”
CORE Manufacturing helps companies bring exciting new medical products to market, specializing in manufacturing minimally invasive devices, active and passive implants, and medical electronics systems. Our staff of industry professionals brings decades of experience and commitment to each project, ensuring quality and accelerating production and approval of new technologies.

Many of the best medical device companies around the world trust CORE Manufacturing with their most important device designs from concept to commercialization.

“Leonhardt Ventures has a deeper pipeline of exciting bioactive implant innovations than any company we know. Our background of developing and manufacturing pacemakers, pumps, wireless energy and sensory devices was ideal for this assignment. We had a best in class cGMP facility and an experienced manufacturing and quality team. Leonhardt had multiple inventions with no building and no manufacturing & quality team. We were truly a match made in heaven. The fact that their headquarters is only 30 minutes from our facility and that our two teams hit it off personally so well, make this an ideal partnership. It is thrilling for us to be on the cutting edge working with the Leonhardt team to bring truly disruptive new technologies to market.”
The HealthiosXchange is the premiere investment marketplace dedicated exclusively to the global healthcare industry. Employing crowd funding as the cornerstone of a new paradigm in healthcare investing, the HealthiosXchange offers direct access to the broadest investment opportunities on a “Fee Free, Carry Free” basis in the most trusted online environment. The HealthiosXchange is an affiliate of Healthios Capital Markets, LLC., a FINRA-regulated broker dealer based in Chicago, with offices in Boston, London, Geneva, and Bangkok.

Our Purpose

Healthcare is in all of us. It is our story and our legacy. It unites us. It embodies us. It inspires us. Many of the greatest achievements in human history result from medical innovations. The HealthiosXchange intends to be the forum for these achievements, the market for these inspirations, the expression of these legacies.
• Aspirations to be third major stock exchange in history of USA.
• First conscious capitalism stock exchange. SEC registration pending within 24 to 36 months.
• No day trading. No short trading. Limited trading windows.
• Holistic analysis of companies.
• Town hall style shareholder meetings with no script every month. High transparency.
• Cal-X Funders Club is following the successful model of Funders Club in Silicon Valley. We pool accredited and non-accredited investors into special purpose vehicles that make a single large investment in selected emerging firms.
* December 13th, 2013 received from U.S. Patent and Trademark office official trademark designation for Leonhardt Ventures for The California Stock Exchange.

“The California Stock Xchange mission is based on the principle that following conscious-capitalism tenets of treating people well and having a sense of purpose will attract and retain the best talent, thereby leading to more innovation, happier repeat customers, and steady profitability growth and return to investors,” asserts Howard J. Leonhardt, founder of Cal-X and Leonhardt Ventures. “We believe that doing good for good’s sake, it is also good business. This is a departure from Wall Street’s overriding emphasis on short-term, net-profit postings that are often achieved at the expense of cutting research and development, employee pay and benefits, and commitment to long-term purpose, suppliers, and the community. We feel that investing in companies with a sense of purpose and care for people and community will be less of a roller-coaster ride for investors. We are setting out to prove this with solid supporting data over time. Companies and investors that believe in these principles will now have a home marketplace.”
Alex S. Richardson
CEO, Core Manufacturing, Inc.

Jeremy Koff
Board Director - Advisor Cal-X Stars Business Accelerator, Inc.
Chief Business Development Officer

Jane Reedy
Chief Advisor Clinical Trials and Regulatory

Tricia Nordby
Board Director & Senior Advisor Brand Development

Suresh Gurunathan
Chief Advisor Heart Pacing

Mark J. Cunningham, M.D.
Board Director & Chief Advisor Heart Technologies
Sofia Yepes
Board Director & Office Manager

Richard Koffler
Managing Partner Life Science Incubator

Stephen Kann
Chief Advisor and Series 24 Broker Dealer

Bonnie Kanner
Senior Advisor Social Good Impact Markets

Madeleine Clemens
Chief Scheduler

Jon Merriman
Senior Advisor Investment Banking, Registered Broker Dealer
Delilah Panio  
Liason with Stock Exchanges

Steven Rabago  
CEO ZimpleMoney, Senior Advisor Cal-X MicroLoans

Jude Belanger  
Senior Advisor Video Production

Mina Vallabh  
Senior Accountant

Steve Beauregard  
Board Director & Senior Advisor Cal-Xelerator

Alan Remen  
CEO MyoStim Pacers & Senior Advisor Operations
Andrew Romans
Senior Advisor Venture Capital Markets, Licensed Broker Dealer

Frank Marino
Senior Advisor Investment Banking

Dara Albright
Senior Advisor Finance

Sarah Delpizzo
Senior Advisor Database Management

Greg Wendt
Senior Advisor Social Good Impact Financing

Judd E. Hollas
CEO EquityNet & Senior Advisor Equity Crowdfunding
Dr. Warren Sherman
Senior Advisor Cardiovascular Stem Cell Research

William Abraham, M.D.
Senior Advisor Heart Failure

Leonard Lanzi
Senior Advisor Venture Capital

David Harvilicz
Senior Advisor Social Good Crowdfunding

Jeff Donofrio
Vice President of Sales Development

Tom Newman
Vice President Sales
Patrick Kelly
Senior Advisor Financing

Victoria Silchenko
Senior Advisor Content Marketing

Wendell King
Chief Scientist Biological Pacing

Yadid Ramot
Senior Advisor Crowdfunding Portals

Dayu Teng
Senior Advisor Life Science Incubator

Drew Stewart
Chief Kindheart Lionheart Startup Media Support Services Videographer
Cal-X Crowdfund Connect and Crowdfunder.com = $1 million

- Goal to be leading equity crowdfunding platform.
- Currently specializing in $5 million California Qualification by Permit Offerings and DPOs working with MethvenLaw and Cutting Edge X.
- Developed partnership with EquityNet a Title II and III crowdfunding portal.
- Developed partnership with Crowdfunder.com a Title II and III crowdfunding portal.
- Co-hosted as Title Sponsor CrowdImpact with Crowdfunder.com “the world’s largest social good impact crowdfunding event”.
- We will also help facilitate expanded 506D and C offerings.
- Partnerships for crowdfunding resources developed with more than 20 others including Crowdfunding Planning Inc., Early IQ, TrakLite, VentureDocs and FundingRoadMap.
Cal-X Stars is the only 5 year business accelerator focused on cardiovascular and social good impact innovations.

Cal- Xelerator Startup Launch Accelerator - We invest up to $6K per full time founder that completes successfully the full program in a co-working space in Santa Monica. We mentor the Cal-Xelerator startup launch companies for 12 or 15 1/2 weeks to prepare them for a DEMO day and road show (if chosen) to take place after they graduate. The process starts with a full business analysis and the creation of a 15 page report on strengths and weaknesses. A customized mentoring plan is developed for each company.
• Manufacturer of food trikes and scooters. Mini food trucks.
• We provide a cell phone based cash register system.
• We provide entrepreneurship training, mentoring and support.

• We contract with the kitchens that provides the food.
* Developed manufacturing partnership in Los Angeles.
* Built out prototype trike.
* Finished design of mini food truck.
* Developed partnership to commercialize steamed tacos in Los Angeles.

“Leonhardt Ventures envisioned a way to help people that no one else was giving a chance to open up their first food business. I believe in this mission and jumped aboard to advance it forward. We are producing the highest quality vehicles on the market at the fairest price with by far the best financing terms and the most comprehensive support system to best ensure each Food Trike, Scooter or Mini Food Truck we sell has the best chance of being a success for the entrepreneur.”

“Our cell phone based cash register, accounting system and back office support network was an ideal match for Food Trikes & Scooters. We are really excited about being involved with this amazing project with the potential to help many people experience the opportunity to open their first business.”
• Business plan analysis and equity crowdfunding portal.
• Average equity raise = $1 million. Average fees 7% = $70,000.

Entrepreneur Crowdfunding
Seek equity crowdfunding from angel investors.
Browse and sort detailed investor profiles.
Share plan and message 20,000+ investors.

SIGN UP FOR FREE

For Entrepreneurs

- Publish Your Business Profile
  Create and publish a profile with your business and funding needs for EquityNet investors. You can also create a public profile page with your own URL to share with anyone outside of EquityNet.

- Optimize Your Business Plan
  Use patented business plan and analysis software to optimize your planning. Entrepreneurs who use EquityNet’s business planning software are 10 times more likely to obtain funding than those who don’t.

- Engage Investors
  Browse detailed investor profiles by location, type, investment amount, and more. Share your plan and communicate with your choice of 20,000+ investors. Contact angel investors, venture capitalists, business supporters, and more.
A leading software company that aides friends and family microloans.
• Creator, publisher, wholesaler and retailer of inspirational books, movies and music.
• Help promote the music artist Ana Free = 35 million hits on YouTube. Four number one hits in Europe on MTV Portugal. Volkswagon commercial. Opened for Shakira.
• About to publish Dolphin Smiles: The Legend of Kindheart Lionheart an inspirational and spiritual tale about a dolphin that remembers his previous life as a human. Teaches adults to cultivate their more childlike qualities to promote gratitude and joy. Being adapted to a screenplay with hopes to be a play and a movie in the future.
• Produces The Kindheart Lionheart Radio Show weekly. Clear Channel just picked up to run on 1150am KTLK KTalk in Los Angeles. Los Angeles is the largest radio market in the world. If the show does well in this market will be syndicated to other markets following model set by the John Tesh Radio Show.
• Co-created with Clifford Cohen the CrowdFund TV show sold to Go Go Luckey Productions and re-sold to CNBC to air presumably as soon as Title III equity crowdfunding becomes fully legal (May 2014?)

* Producing LIONS DEN Online TV show for startups.

* Producing California Love online TV show with three 6 to 9 minute segments with humorous love stories. Airing April 2014.

* Produced first inspirational short film - MELODY - accepted as finalist in two film festivals including 168 Faith Based Film Contest with $1 million prize. Chosen as one of 64 finalists aired in festival.
• First radio station that crowdfunds songs and artists with one tap of the phone.
• Working with founders of Pandora and KoffeeHouse Music on launch strategy.
One-stop licensing
Now you can get everything from one place. Find the right song, close a legal contract and download the
song file in the desired quality – all without lawyers or long-winded negotiations.

Best search results
Thanks to the innovative technology, all you need to do is upload a sound file and the system will find
matching songs.

Diverse sound pool
rightclearing is an open system. Artists from all over the world upload new songs daily. Therefore the sound
pool always reflects the current trends in the music scene.
Koffeehouse Music continues to grow into a leading brand of music services, with a primary focus on live music promotion and production to showcase the top emerging musicians and new bands. Koffeehouse is known for discovering young talent within singer-songwriter, indie rock, folk, alternative, pop, and rock genres. Koffeehouse produces dozens of events each year and has worked with hundreds of artists over the years including Grammy®-Award winners and multi-platinum recording artists. Koffeehouse has collaborated with many global brands including Apple, Fender, Gibson, The Westfield Group, Hyatt Corporation, Goldenvoice, Nederlander, Bose Corporation, BMI, ASCAP and various NBA, WNBA and NHL professional teams. Koffeehouse is endorsed by Yamaha, Fishman and Blue Microphones.
Leonhardt Ventures has made a minority stake investment in Cheryl Fudge Fashion. The “build a bear” of fashion. Girls and boys design clothes that are sewn on premises. They showcase their creation with a runway photo shoot.

Cheryl Fudge Fashion offers sewing classes for adults and adult fashion events.

Cheryl Fudge Fashion is growing rapidly opening numerous new stores this past year nationwide.
Lucille’s American Cafe is a 1940s-style upscale diner that captures the “luncheonette” feel of that era’s most popular eateries, but seasons it with a dash of 21st-Century finesse. It is conceived as a comfortable neighborhood respite from the home kitchen. Homemade food, served in a stylish but casual atmosphere, with large portions and value pricing make it particularly attractive to families with children as well as couples and singles.

Leonhardt Ventures owns today 50% of Lucille’s American Cafes the holding company that owns the Trademark, Recipes, Operating Procedures and Franchising Rights.

Leonhardt Ventures owned from 2001 to 2013 50% of the profitable flagship restaurant in Weston, Florida and exited with a 100%+ return on investment.

Lucille’s American Cafe has been voted favorite neighborhood restaurant more than 10 times.

Leonhardt Ventures has developed a franchising plan and package for Lucille’s American Cafe’s

Leonhardt Ventures working with Food Trikes and Scooters has developed a mini food truck plan for Lucille’s.
Leonhardt Vineyards established in Dry Creek Valley in 2000 is 100% family owned by Howard Leonhardt and his son Ryan. Howard Leonhardt, an inventor and entrepreneur with over 20 patents for treating cardiovascular disease, merged his company World Medical Mfg. Corp. with Arterial Vascular Engineering, Inc. (AVE) of Santa Rosa, Sonoma County, California in April of 1998. He first came to Sonoma County in 1990 after a heart disease conference in San Francisco and visited the Ferrari-Carano winery at 8761 Dry Creek Road. It seemed to him as he gazed out over the surrounding terraced hills perhaps the most beautiful landscape he had ever seen. At the time he never dreamed in a million years that he would just 10 years later be owning the 15 acres directly across the street @ 8500 Dry Creek Road with a vineyard, tasting room and his own Leonhardt Vineyards wine brand.

In 2000 Leonhardt Vineyards began clearing the land, following environmentally friendly standards, in preparation for the planting of rootstock and vines (over 60% of trees on land left intact), wood poles produced from old railroad tracks used instead of iron. Fences and a fire barrier were established around the property and a water preserving slow drip irrigation and water pump system were installed. Jack Florence Jr. and Rick Klein were our original consultants. They introduced us to Ulises Valdez whom became our vineyard manager and to Kerry Damsky whom became our first winemaker.
• Purchased first vineyard property in 2000.
• Owners = Howard Leonhardt and son Ryan Leonhardt
• Planted first vines 2002.
• Produced first wine 2005.
• Won first Gold Medal 2009 at Sonoma County Harvest Fair for 2007 Zinfandel.
• 2010 Wine Sponsor San Francisco Giants - World Series Championship year.
• Produces Zinfandel, Petite Syrah, Chardonnay and Cabernet Sauvignon.
• Current Winemakers = Ryan Leonhardt, Mauricio Soto, Frane Francevic.
• Past Vintages Winemakers = Kerry Damsky 2005, Michael Dashe 2006-09
• Wine Production Partners = Valdez Family Winery + Sunce Winery
• Vineyard Management = Ulises Valdez
• Fruit Sourced From: Dry Creek Valley, Russian River Valley,

Alexander Valley- Sonoma County

• Business Office: 1531 6th Street, Unit 401, Santa Monica, CA 90401 Office 310 310 2534
• Private Tastings by Appointment Only With Ryan Leonhardt - Call 310 310 2534 or email howard@leonhardtvineyards.com
• Production Through 2013 = 9000 cases - 108,000 bottles
• Primary Sales Outlets: Trader Joe’s 120 Stores California, State of Pennsylvania, China, California
Charitable Travel

“Kindheart Adventures is committed to helping individuals and small groups create meaningful life experiences through charitable vacations. You have taken many vacations in your life but this may be amongst the most rewarding weeks you ever spend.”

- Howard J. Leonhardt, Founder

The Difference You Can Make - connect in person with people in need. Truly assist those that genuinely need help. Change the course of direction of another life.

Allow us to introduce you to our world of innovative, authentic adventure and the extraordinary people whose lives have been transformed by our unwavering belief in the promise of positive change.

We offer the most choice, diversity and authentic adventures you’ll ever experience! Whether you would like a beautiful tour over Northern California’s amazing Wine Country in a hot air balloon, or volunteer at an orphanage in Africa, we will make all the arrangements so you can focus on the excitement of your adventures.
• Organization that helps nurture women owned businesses with a variety of services.
• 50,000 members and growing.
* Launched Solve Conference for Women.
* Launched mentorship brain trust.
• Collegiate summer baseball league for showcasing players seeking to be signed by MLB scout.
• 12 teams in Sonoma and Napa counties.
• Completed 4th season of play with 4th Leonhardt Cup Wine Country Baseball Classic in August.
• Adopted tournament format last season to control costs.
• Legendary John Goelz the head coach at Sonoma State University aboard as baseball operations consultant.
• WCB gets a 3 to 7% of any showcased players signed to contract for 3 years.
• WCB sells tickets for $5 to adults and $2 to children to attend games. We sell food, drinks, merchandise and sponsorships as well.
• WCB owns all 12 franchises at this time. Our rival league the North Woods League sells franchises for $1 million each. The Golden League $3 million each. The California Class A League $6 to $9 million each.

* Preparing for 5th Anniversary special Leonhardt Cup Wine Country Baseball Classic with fireworks and music.
• World's first digital diploma that gives college credit for all types of life long learning.

Show Off Everything You Know

Your Degreed profile is the new answer to the question, "Tell me about your education?" With Degreed you can track all of your academic, professional, and lifelong learning. Get credit for everything you've learned—all of it!
A high end competitor to Task Rabbit with higher quality of service.
• Attempt to bring the Virgin America airlines experience to buses in Los Angeles. WiFi - high end.
• Will cater to business traveler that wants to work in route.
• Cost of bus $450,000. Expected revenues from bus service annually: $300,000
• High end wi fi+ bus bus service will be contracted by leading employers to pick up and drop off employees.
• Employers will experience up to 20% spike in daily productivity of workers by allowing them to work full scale to and from work. This is especially true in highly congested areas like Los Angeles and San Francisco. It will be seen as a great perk by employees.
• We will have routes that go from the hip to live areas such as SOMA in San Francisco to Silicon Valley and back.
• The same can be used as a private service booked by parents to pickup and drop off kids in high end areas.
• Web site that helps match foreign buyers with California suppliers.
• The Alibaba (leading billion dollar web site matching buyers and suppliers in China) of California.
You are one of over 20 million women business travelers in the U.S. who hit the road for work each year. We SDashers are busy juggling personal and professional demands and our list of business travel “pains” is long. We struggle to maintain our energy, fitness, nutrition, fashion, and connectivity to work, family and friends. Airports and hotels in some of the greatest cities end up being very lonely places. The travel industry and associated products and services are often geared towards men and don’t meet the unique needs and wants of a woman business traveler. And while several helpful technologies, blogs, apps and products already exist… let’s face it, we are way too busy to find and customize them to our needs.

We feel your pain… but not to worry, we’ve got your back! Stiletto Dash provides one place to access it all and this site of curated content and products is just the start of our plans to help you to be healthier and happier on the road. Our editors are scouring the world and talking to the experts to bring you our best solutions for travel, style, wellness and staying connected. There’s no reason business travel can’t be a positive impact on your personal and professional life, and we’re going to help get you there.
We Read The Labels
Conscious Box is your personal discovery service for healthier choices. We sort through hundreds of natural goods like snacks, beauty and cleaning products and pick only the best. Every product must meet our standards. That means all natural ingredients and zero GMOs. We always aim to support sustainable, fair trade businesses.

Discover Healthier Choices
You choose a box type: Classic, Vegan or Gluten-Free. Then we send you a boxful of our top picks every month. Find new favorites to fill your home with healthier options.
“The mission of Mountain Rider’s Alliance is to develop values-based, environmentally-friendly, rider-centric mountain playgrounds that encourage minimal carbon footprint business practices as well as alternative energy creation, while making a positive impact in the local community.”

“MRA grew out of frustration of how skiers are becoming outcasts in their own environment, as luxury real estate took over ski areas, driving up costs while changing the dynamics of entire towns.”

-Powder Magazine, November 2011
Major accomplishments and noteworthy events in our history include:

1983 - First turn-key fully equipped ready to operate on opening cath labs and critical care units - American General Medical Corporation.
1984 - Partnership developed with International Marketing Advisors, Inc. in Fort Lauderdale, Florida - over $1.2 million in new sales created.
1986 - World Medical Corporation launched with $3,000 starting capital. Joint venture for development and sales of LABCOR heart valve and DMG blood oxygenator in Brazil.
1987 - Leonhardt founded World Medical Corporation logs $3.2 million in sales and over $200,000 in net profits.
1988 - First asymmetrical inflation cardiovascular balloon catheter developed - POLY-CATH. World Medical Manufacturing Corporation is launched with $80,000 in starting capital. (3 issued patents).
1988 - Dr. Race Kao a Bioheart founding member completes study published later in 1989 in The Physiologist for first use of muscle stem cells to repair a damaged heart in large animals.
1989 - Development of first line of vibrational and electrical stimulation devices for improving blood flow - COROSTIM, DELTAVEIN and MYOSTIM PACERS (2 patents issued, one acquired, numerous pending).
1989 - First intravascular lung catheter - PENSIL (patent issued).
1990 - World Medical Mfg. Corp. receives $300,000 milestone investment agreement from Nippon Zeon Co. Japan.
1990 - World Medical Mfg. Corp. receives FDA market approval for POLY-CATH cardiovascular balloon catheters.
1990 - Development of first biological pacemaker - BIOPACE and completion of first successful large animal studies. Wendell King, Howard Leonhardt, Syde Taheri (2 issued patents).
1991 - First percutaneous heart valve (patent issued) - VALVE STENT.
1993 - First protective balloon based radiation delivery catheter - NOVOSTE.
1995 - First-in-man percutaneous non-surgical stent graft repair of an aortic aneurysm - 1995 Mel-
bourne, Australia. The TALENT stent graft still today hold world leading market share now part of Medtronic, Inc.
1996 - First-in-man percutaneous repair of a thoracic aortic Type B dissection, Rostock, Germany - later published in
the New England Journal of Medicine.
1997 - First draft of book Dolphin Smiles: The Legend of Kindheart Lionheart is completed.
1998 - Dr. Doris Taylor a founding member of Bioheart publishes in Nature Medicine first comprehen- sive controlled
study utilizing myoblasts to recover heart scar tissue.
1998 - World Medical Mfg. Corporation announces merger with Arterial Vascular Engineering, Inc. (AVE) of Santa
Rosa California (April 2013).
1998 - World Medical Mfg. Corporation achieves $9.2 million in sales and over $1 million in profits before bonuses
are paid to entire team before Christmas.
1999 - World Medical and AVE are acquired by Medtronic, Inc. of Minneapolis, Minnesota (announced last week of
November 1999). Leonhardt pays out over $30 million in cash bonuses from stock option grants to all team
members of World Medical Mfg. Corp. including every single assembly line employee.
1999 - Leonhardt launches Bioheart, Inc., Bioheart MicroImplants, Bioheart Genotyping, Bioheart Healthplans (all
Weston, Florida) and Stanford Stem Cells (Palo Alto).
1999 - Leonhardt visits the top 35 research labs worldwide conducting pre-clinical studies utilizing stem cells of all
types to repair damaged heart muscle and signs up 33 of the top 35 investigators to join Bioheart’s scientific and
clinical advisory board.
2000 - Leonhardt launches World Biotech Fund with over $10 million in investments in emerging biotech companies
(later known as Leonhardt Ventures).
2000 - Leonhardt begins major investments in Whole Foods Markets and Walt Disney Company that eventually ex-
ceed $4 million.
2000 - Leonhardt and Bioheart launch on U.S. market the first-ever cardiovascular heart attack risk genetic test
(Pla2) working with Dr. Pascal Goldschmidt.
2000 - Leonhardt Ventures purchases 79% stake of Lucille’s American Cafe’s and 50% stake of flag-
ship Weston, Florida restaurant. Flagship restaurant steadily beats $2 million in annual sales, is steadi-
ly profitable, and is voted “Favorite Neighborhood Restaurant” by the Weston and Davie, Florida com-
munities.
2000 - Leonhardt LLC purchases and develops properties in Florida (2), Minnesota (3), Colorado (1) and California (1). Including purchase of 15 acres in Dry Creek Valley in Sonoma County California that was cleared and prepared for the planting of grape vines. Leonhardt Vineyards is launched.

2000 - Bioheart Italy launched.


2001 - Howard Leonhardt awarded honorary Doctorate of Biomedical Engineering from the University of Northern California.

2001 - Bioheart Korea launched. Group secures funding to build 40,000 square foot state of the art cGMP biologics manufacturing in R&D facility outside of Seoul. Team develops and brings to market TPLS true pulsatile life support system, SVAD left ventricular assist device and other products.

2001 - Bioheart Netherlands launched in partnership with Pharmacell and team secures grant funding to build cGMP cell culturing facility in Maastricht, The Netherlands.

2003 - Howard Leonhardt is named South Florida Entrepreneur of the Year - presented by Florida International University, NBC News South Florida, Telemundo and other South Florida sponsors.

2004 - Howard Leonhardt named Florida Clark Butler Entrepreneur of the Year by the University of Florida Center for Entrepreneurship and Innovation and is granted honorary alumni status at the University of Florida.

2004 - Leonhardt 2nd position ownership Miami Morays complete successful season in the National Indoor Football League at the Miami Arena.

2004 - Howard Leonhardt and Juan Chachques awarded first of series of patents for first ever heart failure pacemaker able to recruit stem cells to damaged and weakened heart tissue and convert those stem cells to beating pumping muscle. The patent claim enabling the conversion of stem cells to beating heart muscle cells is truly a pioneering breakthrough. Now the foundation of MyoStim Pacers www.myostimpacers.com.


2006 - Bioheart announces partnership and license with Dr. Marc Penn and Cleveland Clinic for development of genetically modified (SDF-1) myoblasts for treating damaged hearts. Bioheart funds nearly $7 million of research and provides $100,000 un-restricted grant to help launch the Ohio Stem Cell
Consortium for stem cell research.
2006 - Howard Leonhardt named finalist for Ernst & Young state of Florida Entrepreneur of the Year award.
2006 - Leonhardt launches the public policy institute The Entrepreneurship Party and begins lobbying for reducing the cost and complexity of small companies raising capital which eventually in part, small part, leads to the passage of The JOBS ACT in November 2011. Leonhardt is invited to the White House Rose Garden and attends with the President for the signing of the JOBS ACT in recognition of his involved efforts in it's passage.
2006 - Leonhardt announces plan for future stock exchange geared toward social good, local investing, life sciences, women owned enterprises, no day trading, no short trading to bridge “death valley of financing” gap between friends and family rounds and NASDAQ IPO - The California Stock Exchange - www.calstockexchange.com ;
2006 - Kindheart Lionheart Adventures a charity travel company is formed working with the Gators Nest team at the University of Florida Center for Entrepreneurship and Innovation.
2007 - Leonhardt steps down as CEO of Bioheart (March) after 8 years of service and hands reigns over to Bill Pignon and takes new positions as Executive Chairman & Chief Technology Officer.
2008 - AortaCell launched to develop stem cell based therapies for treating aortic aneurysms.
2008 - Leonhardt founded Bioheart, Inc. BHRT completes NASDAQ IPO at $5.23 a share. Only biotech IPO in the USA in all of 2008.
2008 - Bioheart announces spin-out of non-core technologies. Howard Leonhardt, Bioheart’s Chief Technology Officer at the time, is assigned job to find homes with license agreements for the un-developed patents, most of them his own inventions, and moves full time to California to form a life science incubator/accelerator (eventually becomes Leonhardt Launchpad’s, Cal-X Stars Business Accelerator, Inc. and Cal-Xelerator).
2009 - Gold medal received for 2007 Leonhardt Vineyards Zinfandel at the 2009 Sonoma County Harvest Fair. 2009 - Bioheart launches in U.S. market line of @ home heart failure monitors working with RTX of Denmark.
2009 - Bioheart receives historic first ever FDA approval to begin clinical trial of combination stem cell and gene (SDF-1) therapy for treating heart failure.
2009 - Nikki Novak host of Young Hollywood, former Nestle spokesperson, actress from the movies The Holiday, Bucket List, Any Given Sunday, TV show Dexter, joins Leonhardt Vineyards as spokesperson. Leonhardt Vineyards introduces brand by participating in over 44 wine festivals nationwide from October 2009 to October 2010.
2010 - Leonhardt Vineyards becomes official wine sponsor of the San Francisco Giants with a two
behind the home plate ads. The Giants franchise win World Series that year for the first time in San Francisco and the first time since 1954 in New York. Leonhardt Vineyards ads on TV appearing for up to 12 minutes during long innings (ad board flips every half inning) are viewed by record audiences exceeding 3 million in final games leading to playoffs.

2010 - Leonhardt Vineyards secures Trader Joe’s account delivering first our 2007 vintage. To date Leonhardt Vineyards has shipped over 105,000 bottles of wine to Trader Joe’s 120 stores in California. Over 6,000 customers visit each Trader Joe’s store on average each day. Our Zinfandel has become the number one selling family owned vineyard brand at Trader Joe’s California and we are gearing up to go national with them to over 430 stores in 2014.

2010 - Kindheart Lionheart Media Co. produces Radian EP with Ana Free and hosts concerts in Miami and New York. 35 million hits on YouTube. Opening gig for Shakira secured. Later Volkswagen TV commercial. Two songs reach no. 1 on MTV Portugal charts - Playgrounds & Kisses and Questions In My Mind. The Radian EP was followed by the You.Get.Her full album release which has also generated two chart toppers - Electrical Storm and No Other Way.


2010 - Howard Leonhardt and Bob Lashinki (Bioheart) are issued pioneering U.S. Patent US 7686799 B2 for deployment system for myocardial cellular material. Patent life to 2032 with 5 year extension.

2011 - Leonhardt & Kindheart Lionheart Media Co. working with Clifford Cohen help create and sell to Go Go Luckey Productions (creators of Laguna Beach and The Hills) the TV show concept Crowdfund!: The American Dream. 2011 - Bioheart publishes Phase II/III results in the American Heart Journal for MyoCell for treating advanced heart failure. MyoCell patients improved 95.7 meters in exercise capacity over placebo (-4 meters). This surpasses by over 500% the gold standard treatment of 16 meters improvement by CRT pacers.

2011 - Radio Veronica USA and Radio Santa Monica USA established with plans to build online radio stations where listeners can crowdfund into publishing rights of songs with a simple tap of their phone- www.radioveronicausa.com ;

2012 - The California Stock Exchange and Leonhardt Ventures sponsor Tech.co Tech Cocktail Startup
Pitch events in Los Angeles and San Diego.
2012 - The California Stock Exchange and Leonhardt Ventures sponsor Startup Weekends @ USC and Los Angeles (Santa Monica).

2012 - Howard Leonhardt helps launch Startup California in collaboration with the Startup America Partnership designed to help foster job creation and innovation via stimulating startup communities.


2012 - Leonhardt working with Clifford Cohen and Go Go Luckey Productions sell the TV show Crowdfund!: The American Dream to NBC Universal to be aired starting the spring of 2013 on CNBC. Leonhardt signs a contract to serve as a co-host and mentor on the show.

2012 - Leonhardt and Cal-X sponsor the summer series of Startup Sessions at Google Ventures Startup Labs in Mountain View with Vator.tv.

2012 - Leonhardt and Cal-X sponsor the California Women’s Conference (20,000 strong members) and the Dolphin Tank Panel dedicated to improving women’s access to capital for businesses.

2012 - Howard Leonhardt named state spokesperson for the JOBS ACT and Crowdfunding for Startup California in collaboration with the Startup America Partnership (has given 53 speeches thus far). Leonhardt Ventures and The California Stock Exchange financially support the launch of Startup California in 8 regions in California and create the organization’s web site at www.startupcalifornia.org;

2012 - Patent application completed and filed for Stem Cell Bra designed to recruit a women’s own stem cell to her breasts for building additional breast tissue. Now the foundation of Stem Cell Bra www.stemcellbra.com;

2012 - The California Stock Exchange sponsors TedXAmerica’sFinestCity/WOMEN in La Jolla, CA Dec.

2012 - Cal-X Stars Business Accelerator, Inc. recognized Nov. 14th, 2012 by BizBest eMagazine as one of the Silicon Beach shortLIST best new business accelerators in Southern California.

2012 - BioLeonhardt launched with technology that combines electrical stimulation, gene & cell therapy, nutrient hydrogels and an implantable stem cell pump. Research collaborations are developed with Dr. Eric Duckers at the University of Utrecht, a team at the University of Rome and The Gladstone Institute in San Francisco with Dr. Deepak Sirivastava.

2012 - Kindheart Lionheart Media Co. launches inspirational book club www.kindheartlionheart.com and The Kindheart Lionheart Radio Show. First episode hosted by Howard Leonhardt has as guests top 6 leaders in USA dedicated to improving women’s access to capital to end end the 95:5 gender gap in
venture financing. Kindheart stands for compassion. Lionheart for courage and economic growth.

2013 Highlight milestones and note-worthy events


2013 - Leonhardt & Cal-X Crowdfund Connect in partnership with Crowfunder.com host CrowdImpact the world’s largest social good impact crowdfunding event in Santa Monica.

2013 - Leonhardt Ventures and Cal-X Stars Business Accelerator, Inc. sponsor June 12th, 2013 First Look LA healthcare innovations from local universities pitches @ ROC Santa Monica. 2013 - Leonhardt & Cal-X help sponsor Solve Conference for Women in San Diego and joins mentorship team of Chic-CEO the fastest growing women’s entrepreneurship network in the nation (50,000+ members and growing).

2013 - Leonhardt Venture’s and Cal-X Crowdfund Connect sponsor California Crowdfunding Seminar @ ROC Santa Monica.

2013 - MyoStim Pacers www.myotstimpacers.com begins clinical trials of peripheral stimulator for critical limb ischemia and diabetic foot ulcers. Successful results from first two patients are presented at a number of meetings.

2013 - Prototype of Stem Cell Pump is developed working with Core Manufacturing LLC in Valencia, CA.

2013 - Leonhardt Ventures and Cal-X Stars Accelerator portfolio is presented at a dozen cardiovascular meetings and over 30 social good impact and crowdfunding meetings. Cardio meetings include Cardiovascular Cell Therapy NYC, Interventional Cardiology Snowmass, Heart Rhythm Society Annual Meeting, LA Heart Failure, Heart Failure San Diego, First Look LA LAVA, JP Morgan Healthcare Conference, Heart Failure Society of America, American Heart Association Meeting, Controversies and Advances Cardiovascular, USC Saban Research, Transcatheter Therapeutics (TCT).

2013 - Howard Leonhardt helps support as judge and mentor UCLA Business of Science Center - Inventathon - October 5th, 2013.

2013 - Leonhardt leads working with MethvenLaw and Merriman Capital the first legal stock offering
with general advertising for a bundle of private portfolio companies (Cal-X Stars Business Accelerator, Inc.) since 1933 under Title II 506c of the new JOBS ACT - November 18th, 2013 - http://prn.to/HVj1yx
2013 - Howard Leonhardt presents at World Stem Cell Summit in San Diego.
2013 - HealthiosXchange approves the Cal-X Stars Business Accelerator, Inc. to amongst first Title II 506c offerings listing on it’s new healthcare capital raising portal for accrediteds.
2013 - Leonhardt is featured in the national magazine Free Enterprise published by the U.S. Chamber of Commerce in article highlight the emergence of Los Angeles and Santa Monica as a startup capital in the USA -http://www.freeenterprise.com/entrepreneur/la-story-santa-monica-takes-startup-world-storm
2013 - Jane Reedy, Former VP of Clinical at HeartWare and former Thoratec executive joins Leonhardt Ventures as Chief Advisor Heart Failure Clinical Trials and Regulatory
2013 - Suresh Gurunathan, the Director of Engineering at NanoStim joins Leonhardt Ventures as Senior Advisor Heart Pacemaker Engineering.
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Heart Pacemaker Engineering