

2019 Annual Report



Building
Sustainable
Schools.

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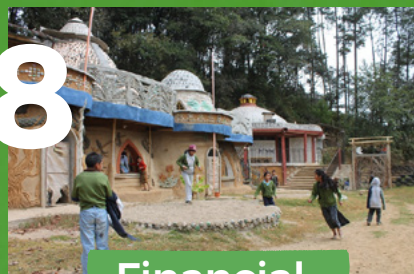
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1. Message from Board Member



Alexander Sinclair, MPA
President
Long Way Home

Dear Long Way Home team member,

2019 was a great year for Long Way Home. We graduated our first senior class of 12 students. Ten of them are scheduled to continue their education at the college level. In a place where public education ends at 6th grade, this is quite a feat. Congratulations to each of these students. We look forward to seeing the positive direction of your lives.

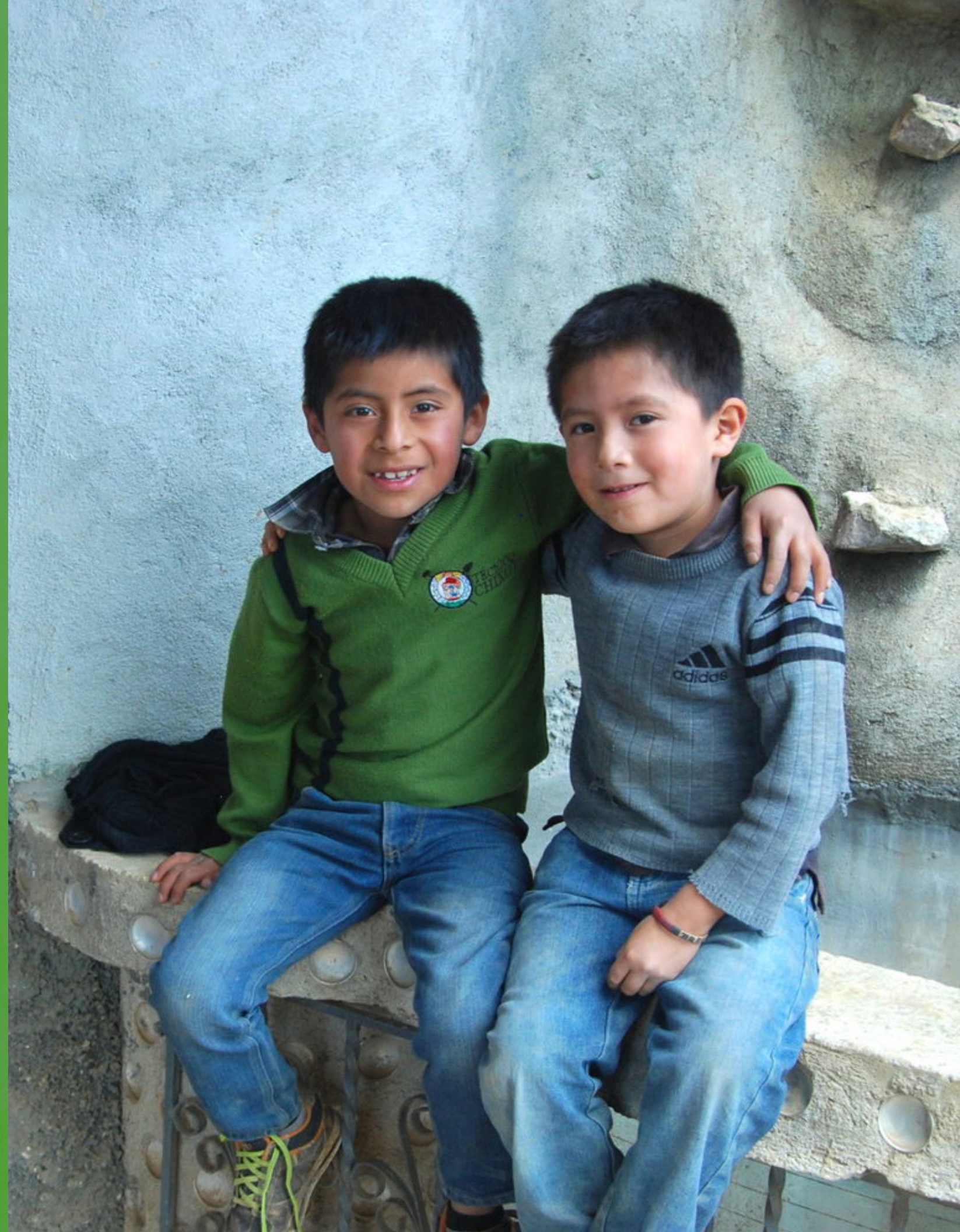
We welcomed four new board members who are taking an active role in stabilizing the budget through accounting and fundraising. Our administrative staff has also worked tirelessly behind the scenes to balance our budget and give raises to all of our Comalapense teaching staff.

We have been exploring ways in which to improve our curriculum. We have revamped the middle school curriculum to encourage more critical thinking and hands-on learning. I will always remember their presentation a couple of years ago, when they used their education to convince a small village to let CETC students implement infrastructure projects in households to address common health challenges. Next year, we hope to improve and develop the curriculum for all CETC grades. I am personally grateful for your participation in this community and hope to continue to partner with you in the future.

Matiox, Thank you,
Alex

“What we need now are **heroes and **heroines**, about a million of them, one brave deed is worth a thousand books. Sentiment without action is the ruin of the soul.”**

-Edward Abbey.



2. About Long Way Home



Written by LWH Executive Director, Matt Paneitz.

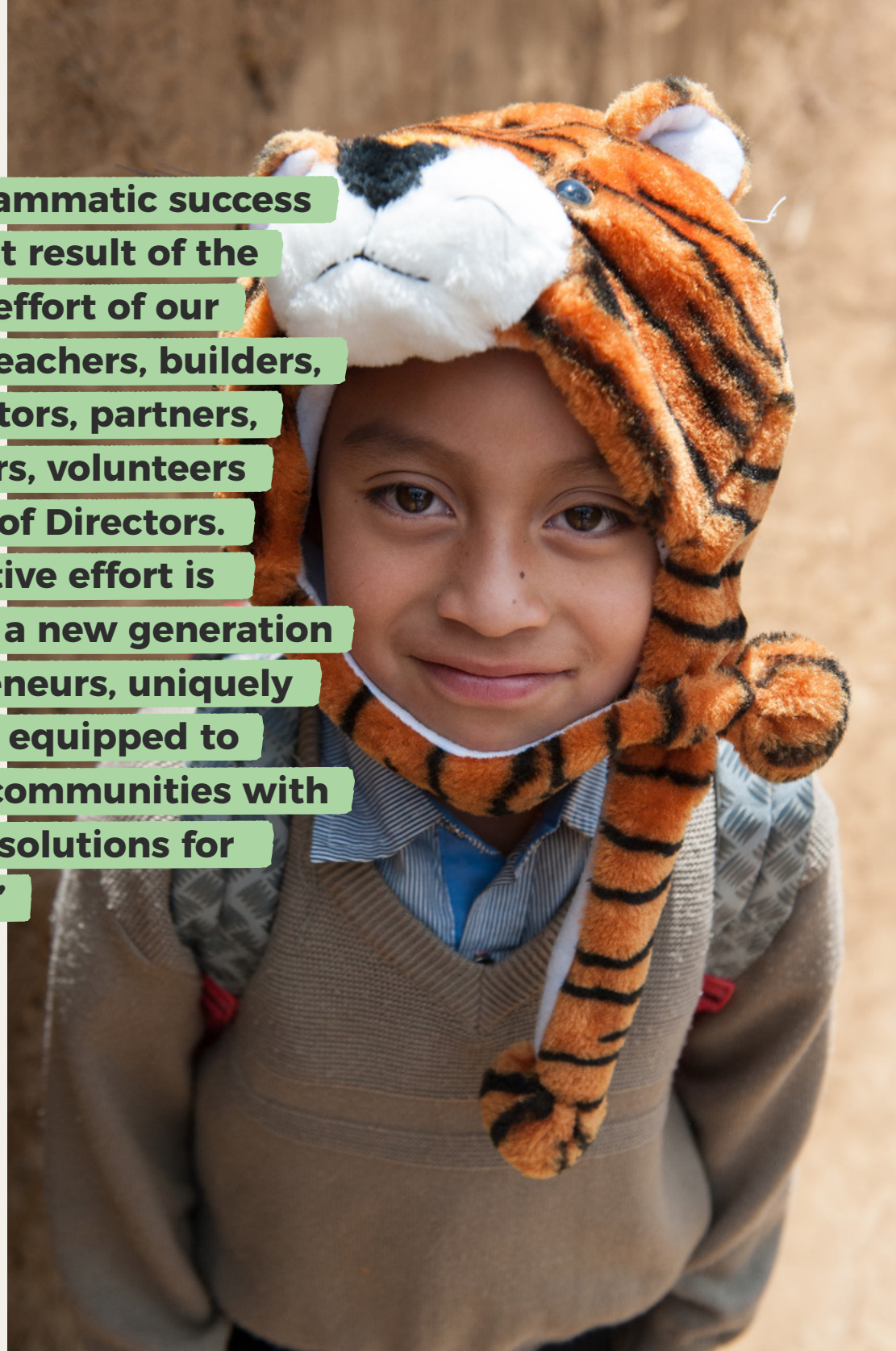
In late 2008, Long Way Home (LWH) purchased 1.75 acres of land in the nearby village of Paxán. By January 2009, ground was broken on an 18-building school complex constructed using alternative methods and local materials. Our local construction crew and more than 2,000 international volunteers have used green building techniques to transform community waste into an education center called Centro Educativo Técnico Chixot (CETC) in San Juan Comalapa, Guatemala. Since breaking ground, there has been an incredible amount of organizational evolution.

Now, in 2019, our mission is **to use green building, employment, and education, to mobilize people to actively participate in democracy and create innovative pathways to economic and environmental justice.** Through this work, we envision communities equipped to innovate and act responsibly in the face of local and global challenges.

As one of our most productive programmatic years to date, 2019 stands out for many reasons. For the first time, all of our middle and high school students completed end-of-the-year projects in a small nearby village for families in need. Students, teachers, parents and the recipient families all described the experience as a smashing success. When asked how this year was different than others, high school principal Yessenia Notz responded, **“our school has a clear purpose.”**

As a result of this newly developed purpose, our students took 1st prize for multiple grade levels at the city-wide science fair and went on to participate in the state-level fair. Our primary and middle school principal, Werner Bal, finalized the collection of school administrative documents required for the full Ministry of Education compliance and

“Our programmatic success is the direct result of the combined effort of our students, teachers, builders, administrators, partners, staff, donors, volunteers and Board of Directors. This collective effort is cultivating a new generation of entrepreneurs, uniquely skilled and equipped to lead their communities with innovative solutions for the future.”



a healthy educational environment while middle school teachers continued to develop and implement our original democratic curriculum. And the kicker, we had our first class of high school graduates! We set this goal in 2009, making this a particularly special milestone for the entire LWH team.

In addition to our students' academic achievements, we have had a great impact within our community. We built a health clinic in a small village about 4 hours from Comalapa and in collaboration with Engineers Without Borders, University of Minnesota chapter, we helped to bring water to the nearby village of Paraxaj (Para-sha). We also made progress in selecting the next village to receive a water project in 2021. Closer to home, we were able to solve a major dust problem through a generous donation of pavers that are now in place around our school. And in an effort to make our vision for empowered and environmentally conscious communities a reality, we successfully hosted two Green Building Academies.

During the academies, we constructed two off-the-grid earthquake resistant, green homes for staff member Roberto Perén and his family. Additionally, we published our first book, *A Guide to Green Building - Fundamentals of Sustainable Design and Construction*, in both English and Spanish. A documentary about LWH, narrated by Sam Waterston, was broadcasted on PBS in cities throughout the US for most of the year. Our programmatic success is the direct result of the combined effort of our students, teachers, builders, administrators, partners, staff, donors, volunteers and Board of Directors. This collective effort is cultivating a new generation of entrepreneurs, uniquely skilled and equipped to lead their communities with innovative solutions for the future.

3. Achieving the LWH Mission



Long Way Home views its impact in terms of a **Democratic Education ecosystem**, connecting green construction, formal education, equitable international volunteerism, and active participation in addressing 21st-century challenges.

Since LWH founding in 2004, this has been our impact:

3,500+

individuals impacted in Guatemala by this ecosystem, including CETC students, teachers, builders, and families, as well as partner, construction, and student project beneficiaries.

\$704,864

spent on local employment.

292

jobs created in Guatemala.

69%

of all LWH employment costs have been **for Guatemalans.**

Additionally, LWH's work addresses:



Local community challenges of waste, water supply, security, sanitation, and health.



More than **1,000 tons of trash** repurposed as Green Building materials.

3.1 Participants of Our Ecosystem

CETC students are engaging with our curriculum through project-based learning. With projects focused on **green building and community health**, students learn to be leaders in their own communities.

12 grade levels *with a total of* **128** students *served by* **28** teachers and directors *in* **2019**

And capacity for

350 students →
when CETC campus construction is complete



As our builders have built their skills and experience as green builders, they have also been critical in positioning LWH as a leader in the green building world.

241 builders *employed since* **2004**

Individual volunteers and volunteer service group participants are encouraged to become more actively engaged learners and citizens while learning about our unique construction process and approach to education.

Since 2004, we have hosted:

2,100+ green building volunteers *from* **35+** countries
of which **1,370** long-term volunteers

These volunteers have contributed:

149,000+ hours of work



The Green Building Academy (GBA) is a program for participants around the world to learn our green building and democratic education techniques over a month-long course.

18 Green Building Academy students joined us in our **second** and **third** academies in March and July.

3.2 CETC Construction Timeline

Dates correspond to projects' start.



4. Hero School Impact Stories



Click [here](#) to learn more about the Hero School model.

4.1 Xiquin Projects, March 2019

In February 2018, the CETC middle and high school students and teachers requested an audience with the members of the Xiquin Sanaii community and shortly thereafter gave a well-attended presentation. In April 2018, the same group conducted a community-wide survey to identify living conditions in Xiquin. Based on the information collected, in October 2018, 36 smoke efficient stoves were built for the people identified in the survey as “at risk of upper respiratory infection from cooking over an open flame indoors”.

In March 2019, we built 20 ferro-cement water tanks for the families identified during the survey as “in need of water storage”. In October 2019, students from the high school built two dry-compost latrines for families identified as “in need of bathrooms”. In addition to these targeted projects, we also constructed two tire retaining walls in Xiquin. Overall, 2019 stands out as the first year that students from both middle and high school were fully involved in our community-based projects.

4.2 CETC High School Community Presentations

At the first-ever final presentations for the CETC high school program, the graduating class presented their grade level projects -a compost latrine- to an audience of parents, teachers, and community members. The class was divided into two presentation groups: **Water and Earth Sanitation** and **Sustainable Communities and Societies**. Based on these two perspectives, the students explained the reason for and the impact of the compost latrine for the families who received them.



The sanitation group explained the importance of human waste treatment, how compost can be used for plant cultivation, and how the use of natural and recycled materials in construction can help clean the surrounding environment. The sustainable communities group focused on the role of the latrine and construction process in shifting perspectives back to a **circular way of thinking**, rather than a linear one of consume and dispose.

4.3 First-ever CETC High School graduation

The first-ever CETC high school graduation ceremony was an unforgettable event. In reflecting on this momentous occasion, Board President Alex Sinclair said, “I was fortunate to get a front-row seat at the graduation. On a cloudless day at noon, I was on the edge of the stark shade provided by a large canvas ceiling in an open courtyard.”

Twelve students walked across the stage and received their diplomas, each flanked by loved ones. **Ten of the graduates will be going on to university** and we are currently working to ensure that the last two will be able to afford the monthly tuition*. Teachers spoke of the joys of watching their students grow. Other leaders spoke of the importance of their education, and the importance of Comalapa’s culture. Our founder, Matt, who was working abroad, made a recording that was shared with the audience. At the end of the recording, by coincidence, a small firework from a neighboring celebration went into the air as he shouted the CETC cheer, “AU!”, almost by design. This invigorated the crowd and sealed the positive and momentous occasion.

As we said tearful goodbyes to our students, we imparted them with the knowledge that they should be proud of the work they have done and that we all wish them all the best. We are confident that our students will succeed, both because of the knowledge and tangible skills learned from our curriculum as well as their hard work and perseverance. Visit [this link](#) to see pictures of the ceremony.

*If you’re interested in supporting this goal, please [contact us](#).

5. Green Building Impact Stories



Academies are held in March and July each year. [Learn more.](#)

5.1 Green Building Academy (GBA)

March 2019

In March of 2019, LWH celebrated the graduation of its **second class of Green Building Academy.** With students coming from South Africa, the US, Guatemala, and France, this class of seven spent a month getting their hands (and feet) dirty, diving into academic and practical learning, immersing themselves in the local culture, and expanding their perspectives on sustainable living.



Students gained fundamental knowledge about design and structure and of the relationships between earth, power, and water. Their learning culminated in the construction of a home next to the CETC campus, which will house all future volunteers. To celebrate a month of hard work and community building, the LWH team and students attended a Mayan ceremony to bless the house from the prior Academy, enjoyed a cob-oven pizza making party, and gathered for a reflection and graduation ceremony. Check out more photos of the construction process on [this link](#).

July 2019

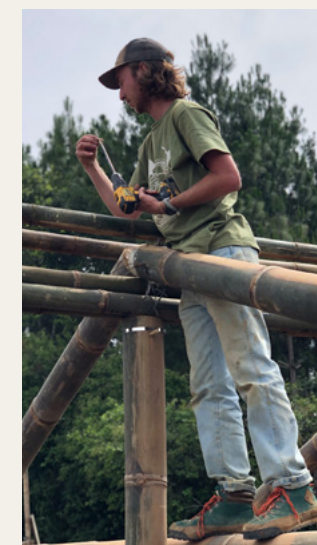


During our third GBA, the work focused on the construction of the third house on the Perén property. Seven full-time and four part-time students joined us from the US, the UK, Mexico, and Guatemala to build an entire house from the ground up. Peter McIntosh, director of the [Natural Building Collective](#) led the in-class and on-site practical sessions while our Executive Director, Matt, Construction Manager, Adam, Construction Team Leader, Roberto, and Foreman, Hugo, led hands-on construction sessions. See the whole process in [this video](#) and photos [here](#).

A Special Thanks

To Roberto, who along with his family, took a leap of faith by investing in the LWH building process. His confidence demonstrates to the Comalapan community that a house made out of “trash” can be beautiful and produce a positive impact on the local environment.

Roberto and the LWH team of green builders are on the frontline of making **sustainable and resilient housing available in low-resourced and climate-stressed communities.**



5.2 Viv Corporate Service Group, March



After supporting the builds of 36 smoke-efficient stoves in October 2018, LWH welcomed back another Viv service group in March 2019. They returned to the neighboring village of Xiquin Sanaii and partnered with CETC 8th graders to build 14 water tanks for families in the community. As part of our democratic education curriculum, these building projects were led by our middle and high school students. Through these projects, students develop and display leadership and problem-solving skills, whilst also becoming green builders themselves. Through this unique project structure, the Viv service group not only

strengthened relationships in the Xiquin community but also provided the monetary resources for our CETC students to scale up the impact of their grade level projects.

5.3 Volunteers: Individuals and Groups

Group Volunteers

We had a strong turn out of groups in 2019, with twelve groups, representing two countries. In January, we welcomed a group from the **Congregation of Marblehead** and **Maryland University Hillel**. These groups contributed to the construction efforts of our CETC cafeteria as well as to water tank construction in neighboring communities. March was a particularly dynamic month with groups from **Michigan Technical University**, **Nobles and Greenough**, **Viv Corporate Service Group**, **University of San Diego**, and **San Diego State University**. Engineers from the **University of Pacific** Engineering program came in May to develop prototypes of a paper briquette press (to reduce consumption of firewood for cooking - a leading cause of deforestation in Guatemala) and a bike-powered, semi-hard plastics grinder





(to increase the usability of our plastics scraps). You can see a summary of their creative process [here](#). In October, **LeapYear from Naropa University** came with a group of energetic gap year students to build a tire retaining wall and finish the exterior walls of our new volunteer house. A group from **Universidad Panamericana in Mexico** joined us in November to work on latrines and more tire retaining walls. We rounded out the year with **Southern Utah University** and another group from **University of Pacific** to work on putting a second floor in our new volunteer house and creating a water pump system for our school cistern.

Individual Volunteers

This year we welcomed 40 individuals from 10 different countries to join us in our green building work. Our volunteers hailed from the United States, Guatemala, Mexico, Sweden, England, Germany, France, Colombia, Canada, and the Netherlands. Thanks to the hard work of our green building instructors and our volunteers, 2019 was a year of great strides for LWH. As we move into 2020, we look forward to developing an even more vibrant learning and living community for our international volunteers.



Visit [this link](#) to learn more about our volunteering opportunities.

“There’s a fount about to stream, There’s a light about to beam, There’s a warmth about to glow, There’s a flower about to blow; There’s a midnight blackness changing Into gray; [People] of thought and [people] of action, **Clear the way.”**

-Charles Mackay.



6. LWH Partners Impact Stories



Interested in partnering with us? Please fill out [this](#) form.

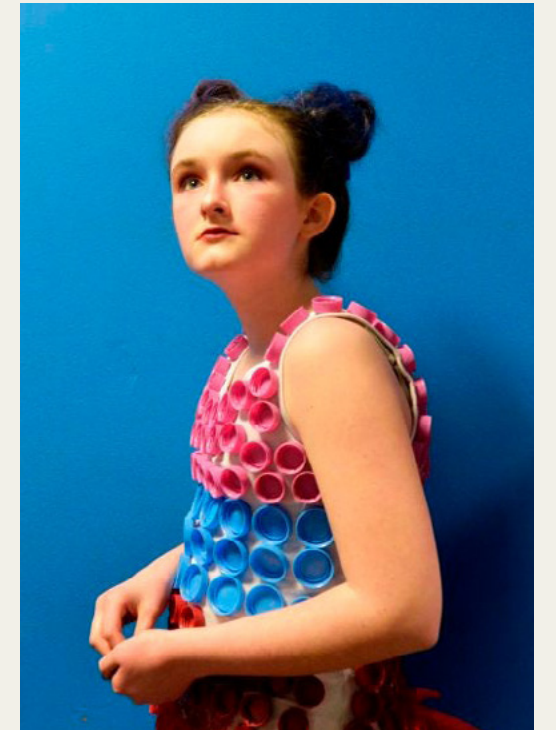
6.1 Rubbish to Runway

In the two Rubbish to Runway events in April 2019, Massachusetts designers transformed ordinary rubbish into wearable art and **raised \$31,100 to support LWH's mission.**

At Rubbish to Runway Byfield, LWH raised \$30,000 through ticket sales, a live auction, artist registration, and sponsorships. 46 outfits, designed by 57 artists, took to the runway. Fifteen models were designers of their own creations, including several teenagers.

At Rubbish to Runway Lexington, 24 dresses walked the runway at the Jonas Clarke Middle School to raise \$1,100 for LWH. This marks event organizer Alyson Brown's 3rd successful year of Rubbish to Runway Lexington.

LWH is in awe of the creativity and collective generosity of all who organized and contributed to these events. Like LWH, Rubbish to Runway demonstrates how we can bring awareness to, rethink, and then use waste as a building block for beauty.



6.2 Engineers without Borders in Paraxaj

Due to infrequent rain in the rainy seasons, the traditional wells that village families have on their property are no longer filling with water. In response, Engineers Without Borders (EWB) drilled a borehole -550 meters deep!- that pumps water up to a 200-gallon water tank on top of a hill. From the tank, the water then passes through a chlorine filter (changed every two months by the Ministry of Health) and now the piped water system delivers water 24/7 for household use to 1,200 people in the Parajax community.



This project would not have been possible without the support and leadership of the Parajax Colcode (community governing structure), who coordinated the community members and the Comalapan municipal government. Then, through a partnership between EWB University of Minnesota Chapter and LWH, expertise and supplies could be brought to Parajax to implement the project. Since 2005, LWH's five prior project partnerships with EWB Minnesota have delivered piped water to nearly 1,000 families. You can check out the summary video of the project [here](#).

6.3 GivingTuesday



GivingTuesday is a global generosity movement that encourages people and organizations to transform their communities and the world. In 2019, we asked our global community to join the movement with the goal of helping us finish the construction of two key spaces on the CETC campus: the **Cafeteria** and **Teacher's Lounge**. These two buildings repurpose plastic, tire, and glass waste into resilient, sustainable and welcoming spaces for teachers and students to gather and strengthen the sense of community.

The result was a lesson in what team effort and community building can achieve when working together towards a common goal. In total, we raised \$4,505. And thanks to a set of generous anonymous donors, every dollar raised was matched up to \$4,000. This means our **\$8,000 overall goal was covered** and both buildings will soon become a reality.

It is truly heartwarming to see all the support we have received to help us continue to grow powerful opportunities in Guatemala and our leadership in the global green building community. We would like to extend a big THANK YOU to all who joined the GivingTuesday movement in 2019 and contributed to our campaign. Our success is your success! Muchas gracias.

Learn more about the GivingTuesday movement at www.givingtuesday.org.

“Do not go where the path may lead, go instead where there is no path and **leave a trail.”**

-Ralph Waldo Emerson.



7. Financial Transparency 2019

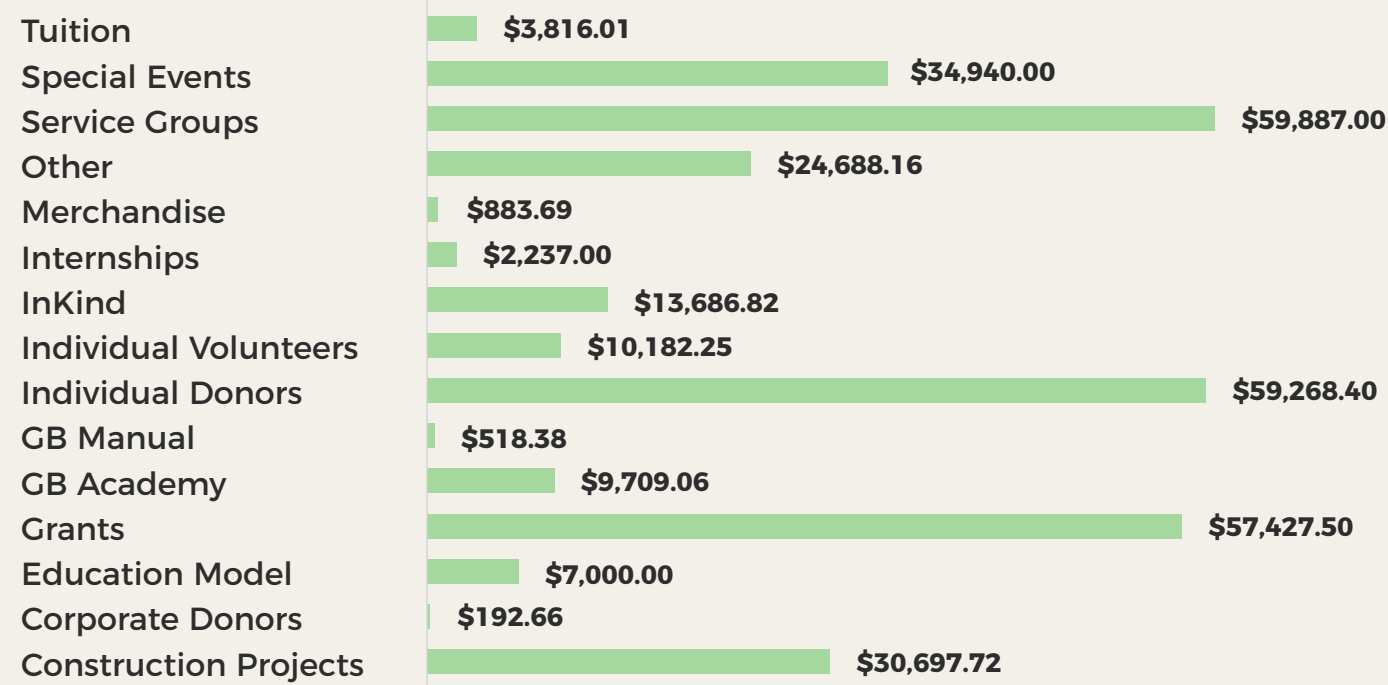


7.1 Statement of Activities

January 1, 2019 - December 31, 2019

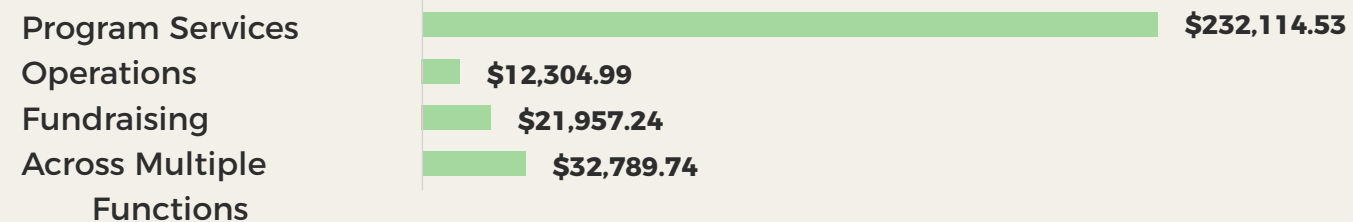
REVENUE	2019
Contributed Revenue	
Individual Donations	\$59,268.40
Corporate Donations	\$192.66
Grants	\$57,427.50
Awards	\$-
InKind	\$13,686.82
Net Contributed Revenue	\$130,575.38
<hr/>	
Earned Revenue	
Fees for Educational Products	\$21,043.45
Fees for Experience Programs	\$47,359.25
Fees for Other Products	\$85,458.86
Construction Projects	\$30,697.72
Net Earned Revenue	\$184,559.28
Total Income	\$315,134.66
<hr/>	
EXPENSES	
Program Services	\$232,114.53
Operations	\$12,304.99
Fundraising	\$22,009.80
Across Multiple Functions	\$32,789.74
Total Expenses	\$299,219.05
<hr/>	
NET ACTIVITY	\$315,134.66

7.2 Income Sources



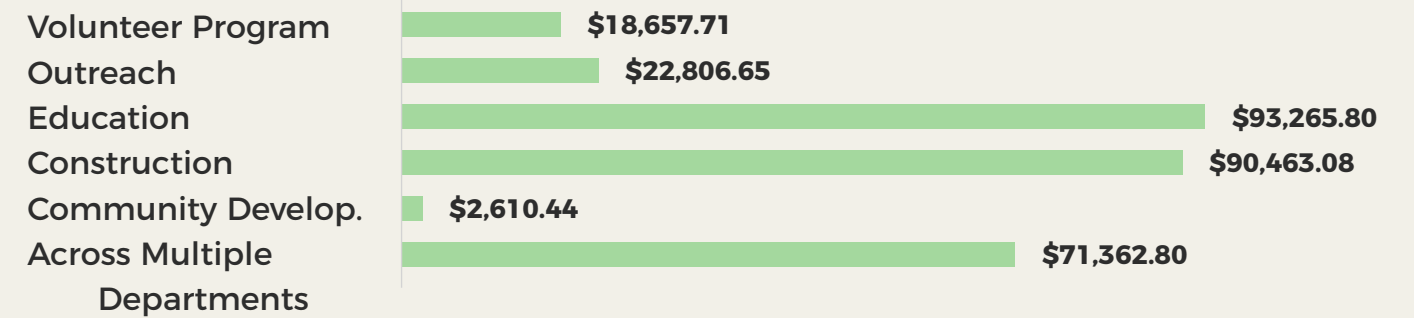
Grand Total **\$315,134.66**

7.3 Expenses



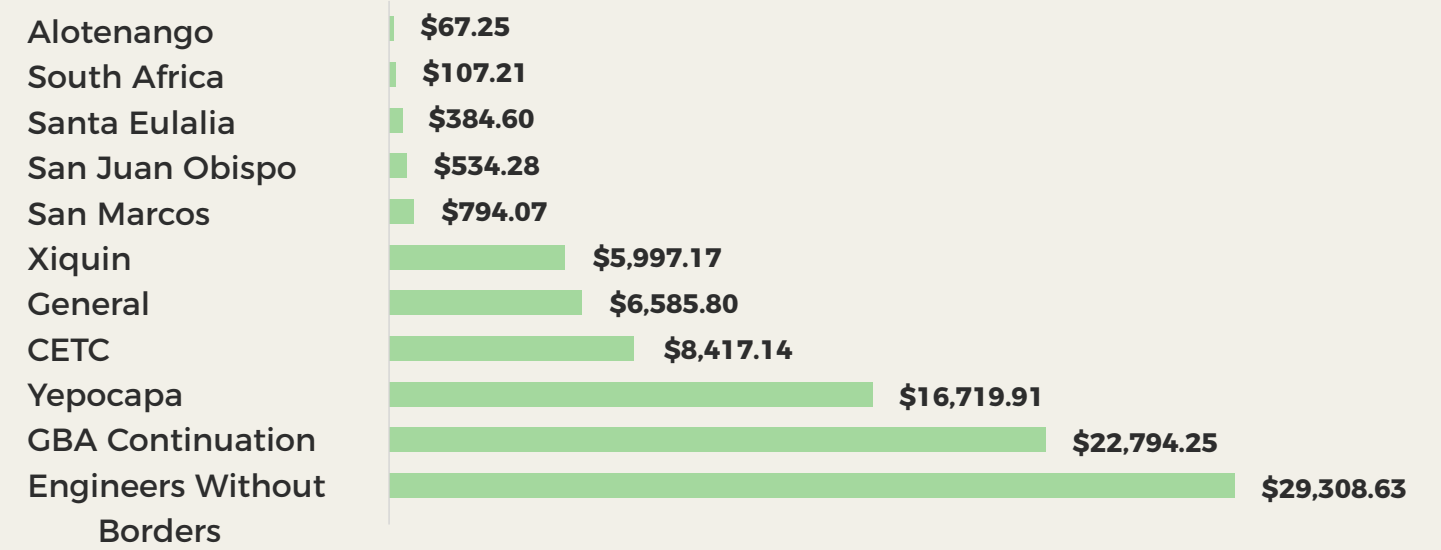
Grand Total **\$299,166.49**

7.4 Departmental Expenses



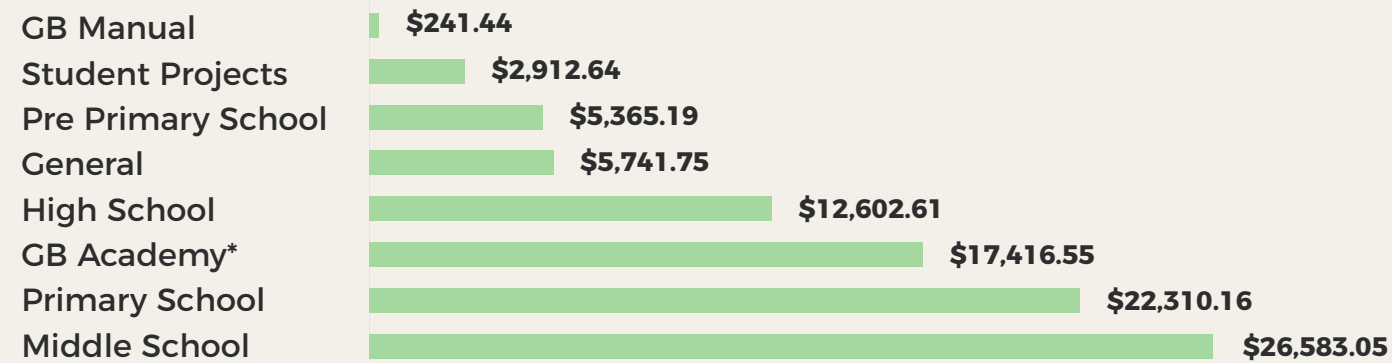
Grand Total **\$299,166.49**

7.5 Costs between Construction Sub-Departments



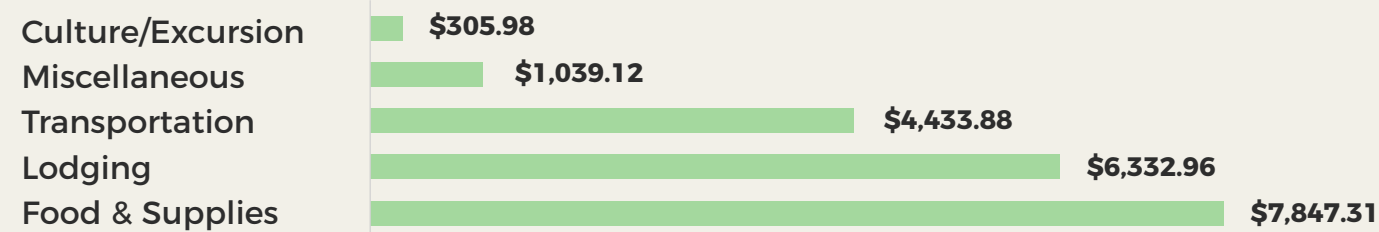
Grand Total **\$91,710.30**

7.6 Costs between Education Sub-Departments



Grand Total \$93,173.44

7.7 Services for Volunteers



Grand Total \$19,959.25

7.8 Expenses by Type



Grand Total \$299,166.49

8. Lessons from the year 2019

8.1 Green Building Lesson

Mobilize Momentum

Having now repurposed close to 40,000 tires over the course of a decade, we now know that we are just hitting our green building stride. We are learning from past mistakes and making improvements to our organization. Our designs are evolving and our building crew has reached the point of producing phenomenal work time and time again.

Now that we have a better understanding of the green building process, the LWH building crew's discourse will shift from how to build, to how to teach and disseminate. Our team of builders are now further cultivating skills as on-site instructors for CETC students and LWH volunteers from around the world.

8.2 Education Lesson

What does it take to innovate in education?

At our most idealistic, we believed, based on what is perceived as “common knowledge”, that building a school in a small impoverished town in Guatemala was enough. We thought that transforming 100 tons of garbage into one of the most beautiful schools in the world was sufficient. However, if we want to build a sustainable and just system, far more important than putting up the walls is what is happening inside of the classroom.

Although we have begun the process of developing a curriculum that integrates education with a purpose, currently, over half of our students and teachers are still engaged in what philosopher/educator Paolo Friere describes as the “banking model” of education. On this approach to education, Friere explained:

“Instead of communicating, the teacher issues communiqués and makes deposits which the students patiently receive, memorize, and repeat. This is the “banking” concept of education, in which the scope of action allowed to students extends only as far as receiving, filing, and storing the deposits.” - Pedagogy of the Oppressed.

In 2019, LWH began the process of assembling stakeholders to create a plan to comprehensively renovate our curriculum for all grade levels. More information on this will be released in 2020.

8.3 Nonprofit Lesson:

Teamwork *makes the* dream work.



Lauren
Business Strategist

In June, Lauren moved onto her next adventure. While we are sad to lose her, we are appreciative of all of the great things she accomplished in her time with LWH. Thanks to her hard work, we have a **comprehensive review of LWH's 15-year financial and organizational history.** This 100+ page document will lead LWH's growth and financial strategy in 2020.



Abby
Volunteer Coordinator

In September, Abby joined us as the Volunteer Coordinator. She will use her passion for and expertise in impactful travel to refine our volunteer program into becoming one of deeper meaning with a focus on **immersive education and equitable cultural exchange.**



Sonia
Outreach Coordinator

Sonia, a graphic design wizard with a passion for social justice, joined our team in November. She will be leading the charge in crafting **engaging communications to connect our global community to the work of LWH** in Guatemala.



Katie
Director of Nonprofit Development

Katie moved from Volunteer Coordinator to the Director of Non-Profit Development and will take Lauren's work and mobilize it to achieve **greater financial sustainability for the organization** in 2020 and onwards.



Ryan
Non-Profit Development Coordinator

In January of 2020, Ryan joined us in the role of Non-Profit Development Coordinator. He will be applying his business acumen and enthusiasm for Central American development to work alongside Katie to **grow LWH's budget and global recognition.**



Matt
Executive Director

Matt continues in his role as Executive Director, serving as a reservoir of knowledge for LWH history and mission. With knowledge and passion, he will lead the charge for the LWH team in our **2020 organizational goals.**

**“What Dewey envisioned when he wrote of Democracy was a community of thoughtful experimentalists-
-people working together, trying things out, evaluating and sorting through the possibilities.”**

-Noddings.



9. Highlighting our Supporters



There are many ways to support LWH. [Here](#) are some ideas.

9.1 Our 2019 Supporters

Foundation Supporters

American Endowment Foundation
Hausman Foundation
Simon & Louise Henderson Foundation

Our \$500+ Donors

Nate Denies	Erik Hirsch
Northstar Energy	Dandy Lee
Talento Bilingüe	Kelli Nielson
Clarke Middle School	Pedro Ruvalcaba
Anne Azarian	Heidi Spinella
Matt Boisen	Michael Staenberg
Karen Butterfield	Lisa Venn
James Donovan	

Recurring Donors

Wes Anderson	Laura Ginsberg
Janet Ard	John Hadden
Lars Battle	Andrew Gallup
Sharon Berger	Jean Hamburg
Maxime Bergeron	Renee Montileone Harms
Ryan Beyer	Kimon Ivanov
Diane Boles	Evan & Brandi Johnson
Joan Bundy	Linda Johnson
Chaffee Burke	Elisa Kerr
Noemi Cana	Rick Kimbrough
Aaron Colvin	Jacob Lopez
Laura Denz	Paul McClusky
David Dufour	

9.2 In Kind Donation Highlights

Viv

Viv found their preferred access point for their Joy of Giving Initiative “**One at a time**”, through their partnership with LWH. On top of donating their time and money in March, Viv also donated a mountain of school supplies to CETC, valued at nearly \$700.

Visionaries Inc.

LWH was selected by Visionaries to be featured on public television. The documentary is hosted by Sam Waterson and produced by Bill Mosher and reviews the mission and impact of LWH. In Visionaries’ words:

“What makes Long Way Home unique is that they understand that putting knowledge and expertise in the hands of those they help is often a missing element in similar building initiatives. They realize that what happens after they leave is just as important as what they do while they’re there. Their work combines environmental and social conscience to create beautiful buildings and strengthen communities.”

We thank the Visionaries team for leading the charge in generating social impact media. You can watch the full film [here](#).

Nobles and Greenough

In March, [Nobles and Greenough School](#) from the Boston area traveled to Comalapa for a week-long service trip with 14 students and 3 teachers. Packed among their construction clothes, the group also carried with them, four Macbooks and five iPads to donate to LWH. Two of the Nobles students also decided to support LWH from home and created a club at school to raise money for LWH. In 2019, they raised \$223 dollars. We are grateful to Noble and Greenough School and their students for meaningfully engaging with their community at such a young age.

9.3 Thank You to our Board of Directors (BoD)

The success of a non-profit organization is often dependent on the steadfast commitment of the BoD. In 2019, LWH’s BoD was that and so much more. They took time out of their already busy schedules, making time for LWH while on the way to work, later in the evenings, and before flights. We just can’t thank them enough for all that they have done and continue to do on behalf of the people that

need our help the most. Thank you for rising to the occasion time and time again! We are all better because of your example.

Board Members: Alex Sinclair, Elizabeth Rose, Danny Paz, Jeremy Micley, Yessenia Morales, Honey Henderson.

New in 2019 are: Kurt Sippel, Heidi Spinella, Jim Donovan, Casey Sussman, and Lauren Wang.

10. Looking forward to 2020

In 1992, government leaders around the world received a document endorsed by 1,575 of the world's most prominent scientists (including 99 of the 196 living Nobel laureates in the sciences) titled "**World Scientists' Warning to Humanity.**" To avoid causing "vast human misery", this document called for a widespread transformation of human behavior "to stop the ever-increasing environmental degradation that threatens global life support systems on this planet". Data collection, since the 1992 Summit, specific to ozone depletion, freshwater availability, marine life depletion, ocean dead zones, forest loss, biodiversity destruction, climate change, and continued human population growth, led to a second "Warning to Humanity" in 2017.

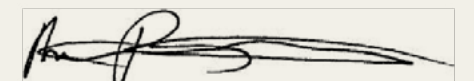
The 15,371 signatories concluded that "with the exception of stabilizing the stratospheric ozone layer, humanity has failed to make sufficient progress in generally solving these foreseen environmental chal-

lenges, and alarmingly, most of them are getting far worse." The United Nations Intergovernmental Panel on Climate Change (IPCC) estimates that we have 11 years (and counting) to prevent further irreversible damage to the planet.

In 2008, when we first considered building CETC, it was not because we were aware of these Warnings to Humanity. 27% of Comalapas were living in extreme poverty and LWH set up shop right in the epicenter. During the years leading up to school construction, while building Parque Chimiyá, we also built smoke-efficient stoves and water tanks to address the immediate needs of that 27%. Based on an obvious demand, one of the reasons we decided to build CETC was because we wanted to scale up our stove, water tank, compost latrine, retaining wall, cistern and home production efforts through formal training and practical application. Based on the square footage of the campus, it was our understanding that at full capacity CETC could serve 350 students and mobilize a small (for lack of a better term) army of heroes to improve living conditions, posthaste. This is why we call our school **Hero School.** And if you believe the climate change science, as we do, you know without a doubt that Guatemala needs heroes now.

Although our plan has not unfolded as fast as we would like, our resolve has not diminished. In 2020, LWH will continue building green structures, develop curriculum, improve communication, collect and share data, challenge the status quo and educate the electorate, one step at a time. After all, it is a Long Way Home!

Hasta La Victoria, Siempre, Compañeros,
Matt



**“And following our will
and whim we may just
go where no one’s been.
We ride the spiral to
the end, we may just go
where no one’s been.”**

-Maynard James Keenan, Tool.





www.lwhome.org

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