

WCE FY19 Annual Report

Summary: During the past twenty years, the 700 volunteers of the nonprofit World Computer Exchange have provided technology tools to 3,500 orphanages, schools, religious organizations, and youth centers in 51 countries in Africa, Asia, Latin America, and the Middle East. These educational tools -- low-cost refurbished computers, preloaded education content, training, School Refurbishing Clubs, and resources for teachers to inspire girls to pursue careers in technology – have helped nearly five million children acquire new skills and opportunities through the Internet. To achieve this, WCE has relied on the generous donation of used computers and volunteer time from companies and individuals, cooperation with 25 global allies, and the tech training and computer repairs of field associates in ten African countries. Our fundraising costs are under 3%.

Mission: To reduce the digital divide for youth in developing countries; to use our global network of partnerships to enhance communities in these countries; and to promote the reuse of electronic equipment and its ultimate disposal in an environmentally responsible manner.

During FY'19 the WCE mission was implemented by 700 volunteers who gathered and refurbished computers through our Chapters in 10 cities, provided our services to our 935 Partner organizations in 79 developing countries, developed our projects, and served on our Boards and International Advisory Council.

During our fiscal year ending June 2019, WCE was again able to increase shipments while we continued to develop our Puerto Rico Chapter, Computers for Girls project, School Refurbishing Clubs, and our expansion of our work with our 11 Field Associates. These new efforts began in our recent prior fiscal years.

Accomplishments of FY'19:

WCE Metric	FY18	FY19	Detail
Computers Shipped to date	37,036	38,021	Refurbished, low cost, loaded with educational content
Computers Shipped Annually	736	985	FY17: 635 FY16: 1,894 FY15: 225 FY14: 64 FY13: 2,201
Puerto Rico Computers	108	0	Included in above annual totals
Total Computers to Field Associates since FY16	505	1,043	FY19: 538 FY18: 0 FY17: 131 FY16: 374 Included in above annual totals
Total Labs Connected	3,401	3,460	Schools, libraries, universities, cyber cafes, youth centers
Youth Connected (millions)	4.68	4.9	Computers last an average of 3.5 years
Countries Shipped To	48	51	Africa (20), Asia (8), Latin Am (12), E. Europe (7), Mid East (1)
Formal Partners	925	935	Plus 3,500 other interested groups
Countries with WCE Partners	78	79	Africa (32), Asia (13), Latin Am (19), E. Europe (7), Mid East (6)
Education Content in Gigs	38	80	French (30 Gigs), Spanish (30 Gigs), (Inspire Girls (2 Gigs)
Puerto Rico Educational Content (pages developed)	20	126	UPRRP: 126 pages in Spanish – included in above total
Puerto Rico Teacher Training	NA	32	Google/Tide grant \$30,000

Total eCorps Training Teams	17	17	In 12 countries (Puerto Rico and Liberia)
School Refurbishing Clubs	2	3	Andover (MA), Jayuya (PR) (proposed), Monrovia (Liberia), San Juan (PR), San Jose (CA) (proposed), Kinesis (PR) (proposed)
Inspire Girls Pair Countries	4	4	Kenya, Liberia, Mali, Rwanda (Teacher Fellow #1 of 4)
Total Peace Corps Countries	16	17	Bolivia, Cameroon, Dominican Republic, Ecuador, El Salvador, Ghana, Guatemala, Honduras, Liberia, Madagascar, Malawi, Moldova, Nicaragua, Philippines, Senegal, Tanzania & Zambia
Total Rotary Countries	11	14	Belize, Bolivia, Dominican Republic, Ghana, Haiti, Honduras, Kenya, Mali, Mexico, Nepal, Nicaragua, Nigeria, Philippines & Timor Leste
Total USAID Countries	10	10	Bangladesh, Georgia, Guatemala, Macedonia, Malawi, Mali, Moldova, Nigeria, Senegal & Zambia
Total iEARN Countries	9	10	Cameroon, Dominican Republic, Liberia, Macedonia, Mali, Pakistan, Senegal, Sierra Leone, Zambia & Zimbabwe
Total UN Countries	6	6	Bangladesh, Benin, Cameroon, Jordan, Nigeria & Zambia
Strategic Allies	23	23	Additions after removals
International Advisory Council	47	46	Quarterly advice on 3 questions, maximum of 50
Chapters (see role below)	8	10	Atlanta, Boston, Chicago, LA, Monrovia (new), Ottawa (close), Philadelphia, San Jose, San Juan, DC
Field Associates	7	11	Ethiopia, Kenya, Liberia, Mali, Nigeria (2), Rwanda (remove), Sierra Leone, South Africa, Tanzania (add), Uganda (add) Zambia, Zimbabwe
Volunteers	700	673	Dev Off (250-270), Clubs (0-40), Chapters (350-246), Board (8), Council (46), Inspire Girls (5), Content (3-25), Allies (23)
Mailing List	8,400	9,925	eNews mailing list in Vertical Response
Annual Individual Donors	127	146	Increases: Friends & Family (10%), total donors (15%)
Proposals Drafted To Date	6	6	Univ, eWaste, Inspire Girls, Sponsors, P.R., CS4All, Chapter

FY'19 Shipments: During FY19 WCE shipped to 59 schools in the following 16 developing countries: Bangladesh, Belize (new), Ethiopia (new), Ghana, Guatemala, Haiti, India, Liberia, Mali, Mexico, Nepal, Nicaragua, Nigeria, Rwanda, Tanzania, and Zimbabwe. With these two new destination countries, WCE has now shipped to a total of 51 developing countries.

Total Shipments: This brought our cumulative total at the end of this fiscal year to 248 shipments totaling 38,021 refurbished computers loaded with educational content to 3,465 schools, universities, libraries, orphanages and youth centers in 51 developing countries connecting 4,893,000 youth.

Computers Received: WCE received 2,416 computers in FY'19 and were able to continue to upgrade to larger hard drives thanks to another generous in-kind donation from Western Digital. The larger hard drives allowed us to increase the amount of educational content that we can load in each computer.

Chapters: During FY'19 WCE has Chapters and school refurbishing clubs in the following:

- Atlanta: Jessica Tang
- Baltimore-Washington: Thomas Graham, Chairman, International Advisory Council
- Boston: Pamela Cooney, Director of Operations
 - Andover High School Refurbishing Club: Alice Yu
- Chicago: Jack O'Donnell, Director of Content Project
- Los Angeles: Cherif Sarr
- Monrovia: Leroy Beldeh
- Ottawa: Lionel Croteau

- Philadelphia: Stan Cooney
- Puerto Rico: Andrea Barrietos
Padre Rufo Secondary School Refurbishing Club: Beverly Rodriguez
- Silicon Valley: Anil Vempati
San Jose High School Refurbishing Club:

Puerto Rico: In fiscal year '19, WCE hired Dr. Andrea Barrietos as coordinator for Puerto Rico. WCE also provided more schools with computers and helped broker the funding for a WCE Refurbishing Club workshop at Padre Rufo school in San Juan. The Ciudadela development and the 20/22 Act Foundation pooled their efforts to fund this renovated space. WCE's president joined the management team of Computer Science For All – Puerto Rico. Some of the new material for our Spanish content pack was created by University of Puerto Rico graduate students. WCE received a grant from Google for a project with the University of Puerto Rico to deliver professional development in computer science to 64 teachers on the island. WCE has recruited three additional schools interested in starting WCE Refurbishing Clubs.

Development Officers: In FY'19, WCE involved 265 volunteer Development Officers to help with online capacity building for WCE Partner organizations in developing countries. They continue to offer online help in fundraising, technology, planning, and logistics. Many of the Development Officers have also been raising funds from their friends and family for shipments to the countries they assist.

Strategic Allies: During FY'19 WCE worked with our 25 strategic allies – especially with iEARN.org and WiderNet.

eCorps: WCE has sent a total of 18 eCorps training teams to the following 12 countries: Dominican Republic, Georgia, Ghana, Honduras, Kenya, Liberia, Nepal, Nicaragua, Nigeria, Philippines, Tanzania, and Zimbabwe. Two of these (Dominican Republic and Honduras) were during this fiscal year. 79 of our individual eCorps "Travelers" have also visited to help, meet, and evaluate in 42 developing countries. WCE "Travelers" visiting the following 6 countries during FY16: Dominican Republic, Ghana, Ethiopia, Kenya, Puerto Rico, and South Africa.

Content: During FY19, Jack O'Donnell of WCE-Chicago and a small team continue to gather a rich variety of educational content in English, French, and Spanish for offline use by primary and secondary schools. This diverse digital library includes content in ten areas including: health, agricultural, education, technology and environment. All of our Chapters preload this content in the appropriate language for our shipments. During this fiscal year, WCE doubled the amount of content that we load.

Inspire Girls: During FY'19, WCE recruited four schools in four countries in Africa where WCE has Field Associates and they were paired with teachers from outside of Africa to work together on developing a resource that teachers could use to help them inspire girls to pursue careers in technology. One pair between a school in Illinois, USA and Rwanda resulted in WCE presented some Inspire Girls funding to a teacher in Rwanda piloting an after school inspire girls club.

Intern: During FY19, the Seavey Joyce Community Service Award funded Jacqueline Terasconi, a student intern at Boston College, to help us develop the Inspire Girls project and help with communications.

Canada Affiliate: The separate affiliate WCE-Canada gathers computers in Ottawa and Vancouver and provides tax-deductible charitable receipts. Most of the computers are combined with shipments from the WCE Boston Chapter. The final computers that have been gathered in Canada have been brought to Boston. The Board of WCE-Canada voted to send the last of these to Zimbabwe.

Field Associates: In FY'19, WCE recruited and entered into employment contracts with a total of 11 Field Associates to market WCE services, help our Partners, grow WCE refurbishing Chapters in their respective countries – as well as Refurbishing Clubs and Inspire Girls projects.

- Ethiopia: Mulugeta Assefa, Bridge, WiderNet
- Kenya: Sila Too, WiderNet
- Liberia: Leroy Beldeh, iEARN
- Mali: Sounkalo Dembele, iEARN
- Nigeria (North West): Winnifred Abagyeh
- Nigeria (South West): Shola Kehinde, WiderNet
- Sierra Leone: Jane Peters, iEARN
- South Africa: Nicholas Sundire
- Tanzania: Onesmo Ngowi, iEARN (new in FY'20)
- Zambia: Misheck Mutuzana, iEARN
- Zimbabwe: Eliada Gudza, iEARN

935 WCE Partners in 78 Developing Countries: 3,500 labs installed connecting 4.9 million youth

<p>Africa (32 countries)</p> <p>Bénin * Burkina Faso Burundi Cameroon * Congo * Côte d'Ivoire Dem. Rep. of Congo * Ethiopia * Gambia, The Ghana * Guinea * Guinea Bissau Kenya * Liberia * Madagascar * Malawi * Mali * Moçambique Namibia Niger Nigeria *</p>	<p>Rwanda * Sénégal * Sierra Leone * South Africa * South Sudan * Sudan Tanzania * Togo Uganda * Zambia * Zimbabwe * (22 *)</p> <p>Eastern Europe (8)</p> <p>Bosnia and Herzegovina * Georgia * Greece (camps) * Lithuania * Macedonia * Moldova * Romania Ukraine * (7 *)</p>	<p>Asia (13)</p> <p>Afghanistan Bangladesh * Cambodia India * Indonesia Mongolia Nepal * Pakistan * Philippines * Sri Lanka * Timor-Leste * Thailand Viet Nam * (8 *)</p> <p>MENA (6)</p> <p>Bedouins (in Israel, others) Egypt Iraq Jordan (camps) * Morocco Palestine (West Bank) (1 *)</p>	<p>Latin America (19)</p> <p>Belize * Bolivia * Colombia Costa Rica pending Dominican Republic * Ecuador * El Salvador * Guatemala * Guyana Haiti * Honduras * Jamaica * México * Nicaragua * Panama Paraguay Perú * Puerto Rico * Venezuela (14 *)</p> <p>* shipments to 51 countries</p>
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Rotary: Clubs have previously provided funding & volunteer help from Rotary Clubs in Australia, Canada, Mali, Mexico, Nepal, and USA (California, Maryland, Massachusetts, Missouri, New York, and Texas) to ship refurbished computers to schools assisted by Rotary Clubs in the following 15 developing countries: Belize, Bolivia, Dominican Republic, Ghana, Haiti, Honduras, Jamaica, Kenya, Mali, Mexico, Nepal, Nicaragua, Nigeria, Philippines, and Timor Leste. Our Mali shipment was matched by Rotary International.

United Nations: **UNDP** has funded WCE shipments to Bangladesh, Benin, Cameroon, Nigeria, and Zambia. **UNRWA** funded a WCE shipment to Jordan. WCE was a member of the Access Working Group of the **UN ICT Task Force**, a resource partner to **UNESCO**, and a member of the **UN Global Alliance for ICT in Development** project on refurbished computers.

USAID has funded WCE shipments to the following 10 countries: Bangladesh, Georgia, Guatemala, Macedonia, Malawi, Mali, Moldova, Nigeria, Senegal & Zambia. USAID was the consignee for our shipments to Bangladesh, Macedonia & Malawi. USAID in Georgia and Bangladesh donated computers to WCE. USAID/Liberia audited a shipment of computers. WCE was an institutional resource partner in USAID's dot-EDU program. Groups assisted by **Peace Corps** volunteers have received WCE computers in the following 17 countries: Bolivia, Cameroon, Dominican Republic, Ecuador, El Salvador, Ghana, Guatemala, Honduras, Liberia,

Madagascar, Malawi, Moldova, Nicaragua, Philippines, Senegal, Tanzania & Zambia. *Let Girls Learn* funding was used in recent shipments to Madagascar and Malawi. **US Embassies** were consignees for El Salvador, Guatemala, Moldova, Lithuania & Senegal.

Sponsors: The amount that WCE raised from individuals, corporations, and foundations in FY '19 was \$100,000 in sponsor funds.

Friends & Family: On the fundraising side, during FY'19 the annual WCE Friends & Family campaign developed by Board member Robb Rill raised \$100,000 from 120 people during December and January.

Financials: The most recent fiscal year for which we have a completed independent audit was for the fiscal year that ended in June of 2018. During that fiscal year, WCE had total unrestricted support and revenue of \$1,220,084 including \$356,722 in cost of sales and our volunteers refurbished and loaded educational content into 2,416 donated computers. WCE total net assets increased to \$764,729. WCE broke even again in this fiscal year and 3% of the total cash and in-kind revenue was spent on fund raising and 7.6% on general and administrative expenses.

Sample Corporate In-Kind Donors: A & E, Aramex, Associated Press, A.T. Cross, Boston Foundation, British Airways, Carlsberg, CBS, Clinton Foundation, Dynegy, Eli Lilly, Federal Express, Fidelity, Fryes, Gartner, General Motors, General Services Admin., Harvard Univ., Houghton Mifflin, Howard Hughes Medical Inst., iRobot, League of Women Voters, Mercy Corps, Mondo, National Assoc. of Home Builders, National Geographic, National Labor Relations Board, Nature Conservancy, Nissan Canada, Nixon Peabody, Ottawa Police, Pathfinder, QuikTrip, Reuters, Rockland Trust, Siemens, Special Olympics, Sun Microsystems, TD Bank, Tetra Tech ARD, Turner Construction, Univ. of Maryland, US District Courts, Verizon, Viking Cruises, VMware, Walgreens, the Washington Post, Western Digital, Xerox, and Yale.

Corporate Financial Sponsors: 20/22 Act Society, Aaxis Group, Adsuar Muñiz Goyco Seda & Perez-Ochoa, Anvil Knitwear, AT&T, Atlas REO Services, Bank of America, Barnes & Thornburg, Biomet 3, Casamance Renaissance Foundation, Ciudadela, Consumer Electronics Assoc., DeRosa Environ. Consulting, Degenkolb Engineers, Directed Manufacturing, Dixon Construction, Eastern Bank, Ference Insurance, Flatiron Practical Management, Forrest Systems, Franciscan Works, Gelber Foundation, Global Education 1st, Google, Gran Pacifica, Imperial Capital, Inderscience Publishers, Int. Centre for Genetic Engineering & Biotechnology, James Street Gastropub & Speakeasy, Jerusalem Fund, John Snow International, Joyner Construction, Kittyhawk Trust, Kvaerner NAC, Lonestar Cell Foundation, Mathworks, McLaughlin-Rotman Centre for Global Health, Microsoft, Middle East Children's Alliance, New Horizons Computer Training Centers, One World Foundation of New York, Paskewitz Asset Management, Phoenix International, Pricewaterhouse Coopers, Proskauer Rose, Putnam Bridge, Qualsolutions, Red Hat, RocketGate, Rocking Moon Foundation, Sanders Phillips Grossman, Rassini, Silva Brothers Construction, Starrett City Associates, Strategic Group-Puerto Rico, Sun Microsystems, Tetra Tech ARD, Toshiba, Toyota, Trillion Realty, and The Washington Post Foundation.

30 June 2019